

WBS No: 1EED
Activity ID: 1EED5021

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

WBS No:	1EED	Title:	800 Area - Decommissioning									
Activity ID:	1EED5021	Description:	B865CA Decommissioning Planning & Engineerin									
								Cost Risk	1	Schedule Risk	2	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED5021:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Planning & Engineering	
Breakdown of Historical Data:	
Item - Planning & Engineering	
Units - lmsf	
Unit Cost - 113.15 hrs, \$11,250 subcontracts, \$675 supplies	
Unit Cost Adjustment factor - N/A	
Revised Unit Cost - N/A	
Basis for adjustment - N/A	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	66.99	Hours
Factors	75.32	Hours	0.88934 [SYS 061400] .88934200 - System						
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	33.64	Hours
Factors	37.83	Hours	0.88934 [SYS 061400] .88934200 - System						
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	609.31	Dollars
Factors	675	Dollars	1.015	-- FY00 Escalation --	0.88934 [SYS 061400] .88934200 - System				
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	10,233.51	Dollars
Factors	11250	Dollars	1.02283	-- FY00 Escalation --	0.88934 [SYS 061400] .88934200 - System				

Activity ID:	1EED5022	Description:	B865CA Decommissioning Characterization									
								Cost Risk	1	Schedule Risk	2	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED5022:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Characterization	
Breakdown of Historical Data:	
Item - Characterization	
Units - lmsf	
Unit Cost - 538.35 hrs, \$26,000 subcontracts, \$2,520 supplies	
Unit Cost Adjustment factor - N/A	
Revised Unit Cost - N/A	
Basis for adjustment - N/A	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources	Cost Element	Skill	Department		Curve	Quantity	Units
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WBS No: 1EED
Activity ID: 1EED5022

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	46.68	Hours
Factors	52.49	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	432.10	Hours
Factors	485.87	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	2,274.76	Dollars
Factors	2520	Dollars	1.015	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	23,650.79	Dollars
Factors	26000	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED5023 Description: B865CA Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED5023:						0	0	0	0	0	0	0

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Dismantlement Breakdown of Historical Data: Item - Dismantlement Units - lmsf Unit Cost - 236.22 hrs, \$54,900 subcontracts, \$1,098 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	83.46	Hours
Factors	93.84	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	922.19	Hours
Factors	1036.94	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	40,277.59	Dollars
Factors	43800	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	4,744.50	Dollars
Factors	5256	Dollars	1.015	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED5024 Description: B865CA Decommissioning Decontamination

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED5024:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
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WBS No: 1EED
Activity ID: 1EED5024

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Item Desc - Decommissioning Decontamination (Pre-1980 Facility)
Breakdown of Historical Data:
Item - Decontamination
Units - lmsf
Unit Cost - 454.23 hrs, \$48,800 subcontracts, \$2,196 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	66.83Hours
Factors	75.14	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLIGI		R100S	RMRS Salaried	Linear	337.14Hours
Factors	379.09	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
	A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	44.875.49Dollars
Factors	48800	Dollars		1.034	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem			
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	1.982.29Dollars
Factors	2196	Dollars		1.015	-- FY00 Escalation --					

Activity ID: 1EED5025 Description: B865CA Decommissioning Final Survey

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Site Preparation	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED5025:						0	0	0	0	0	0	0

Line Item 100 - Site Preparation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Site Preparation Breakdown of Historical Data: Item - Site Preparation Units - lmsf Unit Cost -\$9,500 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	8.641.63 Dollars
Factors		9500	Dollars	1.02283	-- FY00 Escalation --		

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED5026 Description: B865CA Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation & Slab Removal	32.52	msf	HC	0	0	0	605.645	0	605.645	0	605.645
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	327.221	327.221	0	327.221
Total for Activity 1EED5026:						0	0	605.645	327.221	932.866	0	932.866

WBS No: 1EED
Activity ID: 1EED5026

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 100 - Demolition & Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc - Decommissioning Demolition & Disposal (Reinforced Concrete Facility)									
	Breakdown of Historical Data:									
	Item - Demolition & Disposal Units - 1msf Unit Cost - \$29,500 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	27.127.60	Dollars
Factors 29500 Dollars			1.034 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item 500 - Foundation & Slab Removal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc - Removal of Foundation and Slab									
	Breakdown of Historical Data:									
	Item - Removal of Foundation and Slab									
	Units - 1msf									
	Unit Cost - \$20,250 subcontracts									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	18.621.49	Dollars
Factors 20250 Dollars			1.034 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	233.397.30	Dollars
	Factors 233397 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	93.823.82	Dollars
	Factors 93823.8 Dollars									

WBS No: 1EED01		Title: 881 Cluster Decommissioning										
Activity ID: 1EED0100		Description: 881 Cluster Decommissioning Project Management						Cost Risk 2	Schedule Risk 2			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E881CGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E881FGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E881GGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E881TGP	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
1PMG-1E8300GP	Type1 Bldg Project Management	0.38	msf	HC	46	18	531	2.593	0	3.124	185	3.309
1PMG-1E8850GP	Type1 Bldg Project Management	0.53	msf	HC	46	24	737	3.598	0	4.336	256	4.592
1PMG-1E8900GP	Type1 Bldg Project Management	0.55	msf	HC	46	25	759	3.703	0	4.462	264	4.726

WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

2CAPMG-881CAX	Type2CA Bldg Project Management	5.10	msf	HC	216	1.101	33.707	130.718	0	164.425	11.728	176.153
2PMG-1E8810GP	Type2 Bldg Project Management	240.06	msf	HC	111	26.633	815.210	4.155.956	0	4.971.166	283.639	5.254.806
2PMG-1E887BGP	Type2 Bldg Project Management	1.55	msf	HC	127	197	6.035	30.766	0	36.801	2.100	38.901
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.237.610	1.237.610	0	1.237.610
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	0.98	msf	HC	16	16	500	2.550	0	3.050	174	3.225
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	0.72	msf	HC	16	12	368	1.874	0	2.241	128	2.369
Total for Activity 1EED0100:						28.026	857.846	4.331.759	1.237.610	6.427.215	298.474	6.725.689

Line Item 100-1E881CGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Project Management											
	Breakdown of Historical Data:											
	Item - Project Management											
	Units - 1msf											
	Unit Cost - 310.01 hrs, \$33,375 subcontracts, \$2,002.50 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried		Linear	170.63	Hours
	Factors	191.86	Hours							
								0.88934 [SYS 061400] .88934200 - System		
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried		Linear	31.95	Hours
	Factors	35.92	Hours							
								0.88934 [SYS 061400] .88934200 - System		
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried		Linear	48.75	Hours
	Factors	54.82	Hours							
								0.88934 [SYS 061400] .88934200 - System		
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried		Linear	24.38	Hours
	Factors	27.41	Hours							
								0.88934 [SYS 061400] .88934200 - System		
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried		Linear	1.807.62	Dollars
	Factors	2002.5	Dollars	1.015 -- FY00 Escalation --						
								0.88934 [SYS 061400] .88934200 - System		
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried		Linear	30.359.42	Dollars
	Factors	33375	Dollars	1.02283 -- FY00 Escalation --						
								0.88934 [SYS 061400] .88934200 - System		

Line Item 100-1E881FGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Project Management											
	Breakdown of Historical Data:											
	Item - Project Management											
	Units - 1msf											
	Unit Cost - 156.05 hrs, \$22,400 subcontracts, \$1,008 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	85.89	Hours
Factors	96.58	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	16.08	Hours
Factors	18.08	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	24.54	Hours
Factors	27.59	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	12.27	Hours
Factors	13.8	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	909.90	Dollars
Factors	1008	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	20.376.06	Dollars
Factors	22400	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 100-1E881GGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.							
	Item Desc - Decommissioning Project Management							
	Breakdown of Historical Data:							
	Item - Project Management							
	Units - lmsf							
	Unit Cost - 60.95 hrs, \$8,400 subcontracts, \$315 supplies							
	Unit Cost Adjustment factor - N/A							
	Revised Unit Cost - N/A							
	Basis for adjustment - N/A							
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	33.02	Hours
Factors	37.13	Hours				
0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	7.03	Hours
Factors	7.91	Hours				
0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	9.44	Hours
Factors	10.61	Hours				
0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M030 MANAGEMENT INTEGRATORS (GR	R100S RMRS Salaried	Linear	4.71	Hours
Factors	5.3	Hours				
0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	284.34	Dollars
Factors	315	Dollars	1.015 -- FY00 Escalation --			
0.88934 [SYS 061400] .88934200 - Svstem						
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	7.641.02	Dollars
Factors	8400	Dollars	1.02283 -- FY00 Escalation --			
0.88934 [SYS 061400] .88934200 - Svstem						

Line Item 100-1E881TGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the							
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WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Project Management
Breakdown of Historical Data:
Item - Project Management
Units - lmsf
Unit Cost - 64.21 hrs, \$8,400 subcontracts, \$315 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	29.04	Hours
Factors 32.65 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.63	Hours
Factors 17.57 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	8.30	Hours
Factors 9.33 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	4.14	Hours
Factors 4.66 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	284.34	Dollars
Factors 315 Dollars 1.015 -- FY00 Escalation --								
						0.88934 [SYS 061400] .88934200 - Svstem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.641.02	Dollars
Factors 8400 Dollars 1.02283 -- FY00 Escalation --								
						0.88934 [SYS 061400] .88934200 - Svstem		

Line Item 1PMG-1E8300GPMG - Type1 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00
Total Unit Cost: \$10,500.07

Adjusted Unit Cost:
Labor Hours: 51.27012; Subcontracts: \$7,318.08; Supplies: \$274.43
Total Unit Cost: \$9,147.66
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	22.07	Hours
Factors 28.49 hours 0.88 Learning Curve 0.99 RSOP								
						0.88934 [SYS 061400] .88934200 - Svstem		

WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.49	Hours
Factors	9.67	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	13.68	Hours
Factors	17.65	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.36	Hours
Factors	3.04	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	244.06	Dollars
Factors	315	dollars	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6,508.28	Dollars
Factors	8400	dollars	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 1PMG-1E8850GPMG - Type1 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00
Total Unit Cost: \$10,500.07

Adjusted Unit Cost:
Labor Hours: 51.27012; Subcontracts: \$7,318.08; Supplies: \$274.43
Total Unit Cost: \$9,147.66
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		22.07	Hours
Factors	28.49	hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		7.49	Hours
Factors	9.67	hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear		13.68	Hours
Factors	17.65	hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear		2.36	Hours
Factors	3.04	hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear		244.06	Dollars
Factors	315	dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear		6,508.28	Dollars
Factors	8400	dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item 1PMG-1E8900GPMG - Type1 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of

WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00
Total Unit Cost: \$10,500.07

Adjusted Unit Cost:

Labor Hours: 51.27012; Subcontracts: \$7,318.08; Supplies: \$274.43
Total Unit Cost: \$9,147.66
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	22.07	Hours
Factors	28.49 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.49	Hours
Factors	9.67 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	13.68	Hours
Factors	17.65 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.36	Hours
Factors	3.04 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	244.06	Dollars
Factors	315 dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.508.28	Dollars
Factors	8400 dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								

Line Item 2CAPMG-881CAXGPMG-1E - Type2CA Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 298.03; Subcontracts: \$33,375.00; Supplies: \$2,002.50
Total Unit Cost: \$44,499.98

Adjusted Unit Cost:

Labor Hours: 242.8849; Subcontracts: \$27,199.56; Supplies: \$1,631.97
Total Unit Cost: \$36,266.06
Adjustment Factor: 0.814968

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	106.69	Hours
Factors	147.2 hours		0.84 Learning Curve		0.98 PA Elimination	0.99 RSOP		
						0.88934 ISYS 0614001	88934200 - Svstem	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	31.85	Hours
Factors	43.94 hours		0.84 Learning Curve		0.98 PA Elimination	0.99 RSOP		
						0.88934 ISYS 0614001	88934200 - Svstem	
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	66.09	Hours
Factors	91.19 hours		0.98 PA Elimination		0.84 Learning Curve	0.99 RSOP		
						0.88934 ISYS 0614001	88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	11.38	Hours
Factors	15.7 hours		0.84 Learning Curve		0.98 PA Elimination	0.99 RSOP		
						0.88934 ISYS 0614001	88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1,451.38	Dollars
Factors	2002.5 dollars		0.84 Learning Curve		0.98 PA Elimination	0.99 RSOP		
						0.88934 ISYS 0614001	88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	24,189.71	Dollars
Factors	33375 dollars		0.98 PA Elimination		0.84 Learning Curve	0.99 RSOP		
						0.88934 ISYS 0614001	88934200 - Svstem	

Line Item 2PMG-1E8810GPMG - Type2 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00
Total Unit Cost: \$27,999.59

Adjusted Unit Cost:
Labor Hours: 124.7483; Subcontracts: \$18,627.84; Supplies: \$838.25
Total Unit Cost: \$23,284.46
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	54.80	Hours
Factors	74.09	hours		0.84	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	16.36	Hours
Factors	22.12	hours		0.84	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	33.95	Hours
Factors	45.9	hours		0.84	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	5.84	Hours
Factors	7.9	hours		0.84	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	745.49	Dollars
Factors	1008	dollars		0.84	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	

WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	16,566.52	Dollars
Factors	22400 dollars	0.84	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2PMG-1E887BGPMG - Type2 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00
Total Unit Cost: \$27,999.59

Adjusted Unit Cost:

Labor Hours: 142.5695; Subcontracts: \$21,288.96; Supplies: \$958.00
Total Unit Cost: \$26,610.81
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	62.62	Hours

Factors 74.09 hours 0.96 Learning Curve 0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	18.70	Hours
Factors	22.12 hours	0.96 Learning Curve	0.99 RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	38.80	Hours
Factors	45.9 hours	0.96 Learning Curve	0.99 RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	6.68	Hours
Factors	7.9 hours	0.96 Learning Curve	0.99 RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	851.99	Dollars
Factors	1008 dollars	0.96 Learning Curve	0.99 RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	18,933.17	Dollars
Factors	22400 dollars	0.96 Learning Curve	0.99 RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	862,214.00	Dollars

Factors 862214 Dollars

ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	375,395.60	Dollars
Factors	375396 Dollars				

Line Item TrlrPMGPre89-1E881AG - Pre-1989 Trailer Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit

WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03

Adjusted Unit Cost:

Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	8.50	Hours

Factors 9.56 hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.54	Hours
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Factors 1.73 hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	5.27	Hours
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Factors 5.93 hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.91	Hours
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Factors 1.02 hours

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	112.06	Dollars
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Factors 126 dollars

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,490.16	Dollars
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Factors 2800 dollars

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrPMGPre89-1E881BG - Pre-1989 Trailer Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03

Adjusted Unit Cost:

Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	8.50	Hours

Factors 9.56 hours

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED01
Activity ID: 1EED0100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.54	Hours
Factors	1.73	hours						
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	5.27	Hours
Factors	5.93	hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.91	Hours
Factors	1.02	hours						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	112.06	Dollars
Factors	126	dollars						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,490.16	Dollars
Factors	2800	dollars						

Activity ID: 1EED0105

Description: 881 Cluster Decommissioning Support Services

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E881CHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E881FHSUS	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E881GHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E881THSUS	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
1SUS-1E8300HS	Type1 Bldg Support Services	0.38	msf	HC	61	24	443	1,640	0	2,083	591	2,673
1SUS-1E8850HS	Type1 Bldg Support Services	0.77	msf	HC	61	47	887	3,288	0	4,175	1,184	5,360
1SUS-1E8900HS	Type1 Bldg Support Services	0.97	msf	HC	61	59	1,116	4,134	0	5,250	1,489	6,739
2CASUS-881CAX	Type2CA Bldg Support Services	5.10	msf	HC	248	1,264	24,238	94,000	0	118,238	33,009	151,247
2SUS-1E8810HS	Type2 Bldg Support Services	240.06	msf	HC	210	50,453	956,126	3,810,988	0	4,767,113	1,318,354	6,085,468
2SUS-1E887BHS	Type2 Bldg Support Services	1.55	msf	HC	240	373	7,078	28,212	0	35,290	9,760	45,050
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1,421,713	1,421,713	0	1,421,713
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	0.98	msf	HC	32	32	804	3,118	0	3,922	1,095	5,017
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	0.72	msf	HC	32	23	591	2,291	0	2,881	804	3,686
Total for Activity 1EED0105:						52,275	991,282	3,947,671	1,421,713	6,360,665	1,366,285	7,726,950

Line Item 100-1E881CHSUS - Support Services

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.</p> <p>Item Desc - Decommissioning Support Services Breakdown of Historical Data: Item - Support Services Units - 1msf Unit Cost - 303.29 hrs, \$24,000 subcontracts, \$1,440 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	3.43	Hours
Factors	3.86	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	5.14	Hours	
Factors	5.78	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	25.72	Hours
Factors	28.92	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	200.12	Hours
Factors	225.02	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	35.32	Hours
Factors	39.71	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1,299.86	Dollars
Factors	1440	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	21,831.50	Dollars
Factors	24000	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 100-1E881FHSUS - Support Services

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc - Decommissioning Support Services									
	Breakdown of Historical Data:									
	Item - Support Services									
	Units - lmsf									
	Unit Cost - 255.90 hrs, \$20,250 subcontracts, \$1,215 supplies									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	2.89	Hours
Factors	3.25	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.34	Hours
Factors	4.88	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	21.70	Hours
Factors	24.4	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	168.85	Hours
Factors	189.86	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	29.79	Hours
Factors	33.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1,096.76	Dollars
Factors	1215	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	18,420.32	Dollars
Factors	20250	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 100-1E881GHSUS - Support Services

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the							
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WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 69.76 hrs, \$5,250 subcontracts, \$262.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.60	Hours
Factors	0.68	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							4.54	Hours
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		
Factors	5.1	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							0.91	Hours
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		
Factors	1.02	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							47.59	Hours
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		
Factors	53.51	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							8.40	Hours
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear		
Factors	9.44	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							236.95	Dollars
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear		
Factors	262.5	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem							4.775.64	Dollars
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear		
Factors	5250	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 100-1E881THSUS - Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 103.53 hrs, \$5,250 subcontracts, \$262.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.44	Hours
Factors	0.49	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							0.65	Hours
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		
Factors	0.73	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	32.40	Hours
Factors	36.43	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	49.80	Hours
Factors	56	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	8.79	Hours
Factors	9.88	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	237.41	Dollars
Factors	263	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.775.64	Dollars
Factors	5250	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 1SUS-1E8300HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.20999; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 69.00774; Subcontracts: \$4,573.80; Supplies: \$228.69
Total Unit Cost: \$6,098.43
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.46	Hours
Factors	0.6	hours	0.88 Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.25	Hours
Factors	5.48	hours	0.88 Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	50.72	Hours
Factors	65.46	hours	0.88 Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	5.94	Hours
Factors	7.67	hours	0.88 Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	203.38	Dollars
Factors	262.5	dollars	0.88 Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.067.67	Dollars
Factors	5250	dollars	0.88 Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 1SUS-1E8850HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of

WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 79.21; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:

Labor Hours: 69.00775; Subcontracts: \$4,573.80; Supplies: \$228.69
Total Unit Cost: \$6,098.43
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.46	Hours
Factors	0.6 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.25	Hours
Factors	5.48 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	50.72	Hours
Factors	65.46 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	5.94	Hours
Factors	7.67 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	203.38	Dollars
Factors	262.5 dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.067.67	Dollars
Factors	5250 dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								

Line Item 1SUS-1E8900HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 79.20999; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:

Labor Hours: 69.00774; Subcontracts: \$4,573.80; Supplies: \$228.69
Total Unit Cost: \$6,098.43
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.46	Hours
Factors	0.6	hours	0.88	Learning Curve	0.99	RSOP		
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.25	Hours
Factors	5.48	hours	0.88	Learning Curve	0.99	RSOP		
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	50.72	Hours
Factors	65.46	hours	0.88	Learning Curve	0.99	RSOP		
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	5.94	Hours
Factors	7.67	hours	0.88	Learning Curve	0.99	RSOP		
						0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	203.38	Dollars
Factors	262.5	dollars	0.88	Learning Curve	0.99	RSOP		
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.067.67	Dollars
Factors	5250	dollars	0.88	Learning Curve	0.99	RSOP		
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item 2CASUS-881CAXHSUS-1E - Type2CA Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 341.98; Subcontracts: \$24,000.00; Supplies: \$1,440.00
Total Unit Cost: \$31,999.82

Adjusted Unit Cost:
Labor Hours: 278.7027; Subcontracts: \$19,559.23; Supplies: \$1,173.55
Total Unit Cost: \$26,078.83
Adjustment Factor: 0.814968

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	2.45	Hours
Factors	3.38	hours		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	22.51	Hours
Factors	31.06	hours		0.98	PA Elimination		0.84	Learning Curve	0.99	RSOP
								0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	199.52	Hours
Factors	275.28	hours		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried	Linear	23.38	Hours
Factors	32.26	hours		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	1.043.69	Dollars
Factors	1440	dollars		0.98	PA Elimination		0.84	Learning Curve	0.99	RSOP
								0.88934	[SYS 061400]	.88934200 - Svstem

WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	17,394.85	Dollars
Factors	24000 dollars	0.84	Learning Curve	0.98	PA Elimination	0.99 RSOP	0.88934	[SYS 061400] .88934200 - Svstem

Line Item 2SUS-1E8810HSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00
Total Unit Cost: \$26,850.28

Adjusted Unit Cost:
Labor Hours: 236.3158; Subcontracts: \$16,839.90; Supplies: \$1,010.39
Total Unit Cost: \$22,328.69
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	2.11	Hours
Factors	2.85 hours	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.15	Hours
Factors	21.84 hours	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	171.77	Hours
Factors	232.26 hours	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	20.13	Hours
Factors	27.22 hours	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	898.59	Dollars
Factors	1215 dollars	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14,976.43	Dollars
Factors	20250 dollars	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem	

Line Item 2SUS-1E887BHSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00
Total Unit Cost: \$26,850.28

Adjusted Unit Cost:
Labor Hours: 270.0752; Subcontracts: \$19,245.60; Supplies: \$1,154.74

WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$25,518.50
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried		Linear	2.41	Hours
Factors	2.85 hours		0.96 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried		Linear	18.46	Hours
Factors	21.84 hours		0.96 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried		Linear	196.31	Hours
Factors	232.26 hours		0.96 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried		Linear	23.01	Hours
Factors	27.22 hours		0.96 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried		Linear	1,026.96	Dollars
Factors	1215 dollars		0.96 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried		Linear	17,115.92	Dollars
Factors	20250 dollars		0.96 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department		Linear	990,469.10	Dollars
Factors	990469 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department		Linear	431,243.60	Dollars
Factors	431244 Dollars								

Line Item TrlrSUSPre89-1E881AH - Pre-1989 Trailer Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77

Adjusted Unit Cost:

Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried		Linear	1.50	Hours
Factors	1.69 hours								
0.88934 [SYS 061400] .88934200 - System									

WBS No: 1EED01
Activity ID: 1EED0105

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	13.81	Hours
Factors	15.53	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.11	Hours
Factors	16.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.77	Hours
Factors	1.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	180.09	Dollars
Factors	202.5	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.001.53	Dollars
Factors	3375	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item TrlrSUSPre89-1E881BH - Pre-1989 Trailer Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77

Adjusted Unit Cost:
Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.50	Hours
Factors	1.69	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	13.81	Hours
Factors	15.53	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.11	Hours
Factors	16.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.77	Hours
Factors	1.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	180.09	Dollars
Factors	202.5	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.001.53	Dollars
Factors	3375	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED0101 Title: B-881 Decommissioning
Activity ID: 1E881AAPEN Description: 881A Decommissioning Planning & Engineering

Cost Risk 2 Schedule Risk 2

WBS No: 1EED0101
Activity ID: 1E881AAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	230	230	0	230
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	0.98	msf	HC	9	9	250	1,275	0	1,525	71	1,596
Total for Activity 1E881AAPEN:						9	250	1,275	230	1,755	71	1,825

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	76.38	Dollars
	Factors 76.3783 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	153.22	Dollars
	Factors 153.222 Dollars								

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.27	Hours
Factors	7.05	hours	0.88934 [SYS 061400] .88934200 - Svsstem						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.45	Hours	
Factors	2.76	hours	0.88934 [SYS 061400] .88934200 - Svsstem						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	56.03	Dollars	
Factors	63	dollars	0.88934 [SYS 061400] .88934200 - Svsstem						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,245.08	Dollars	
Factors	1400	dollars							

Activity ID: 1E881ABCHR Description: 881A Decommissioning Characterization

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	431	431	0	431
TrlrCHRPre89	Pre-1989 Trailer Characterization	0.98	msf	HC	24	23	581	2,252	0	2,833	164	2,996
Total for Activity 1E881ABCHR:						23	581	2,252	431	3,264	164	3,427

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0101
Activity ID: 1E881ABCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	143.41	Dollars
Factors 143.411 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	287.70	Dollars
Factors 287.696 Dollars								

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25 Total Unit Cost: \$3,250.01</p> <p>Adjusted Unit Cost: Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25 Total Unit Cost: \$3,250.01 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	7.62	Hours
	Factors 8.57 hours										
	0.88934 ISYS 0614001.88934200 - Svstem										
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	15.99	Hours
Factors 17.98 hours											
0.88934 ISYS 0614001.88934200 - Svstem											
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	130.07	Dollars	
Factors 146.25 dollars											
0.88934 ISYS 0614001.88934200 - Svstem											
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	2.167.77	Dollars	
Factors 2437.5 dollars											

Activity ID: 1E881AFDEM Description: 881A Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	5.812	5.812	0	5.812
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	0.98	msf	HC	0	0	0	18.956	0	18.956	0	18.956
Total for Activity 1E881AFDEM:						0	0	18.956	5.812	24.768	0	24.768

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.523.75	Dollars	
	Factors 3523.75 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.288.07	Dollars	
	Factors 2288.07 Dollars									

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their</p>											
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WBS No: 1EED0101
Activity ID: 1E881AFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B		CONSTRUCTION		0000 NONE		R100S RMRS Salaried		Linear	19.343.19	Dollars

Factors 21750 dollars

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1E881BAPEN Description: 881B Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	167	167	0	167
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	0.72	msf	HC	9	6	184	937	0	1.121	52	1.172
Total for Activity 1E881BAPEN:						6	184	937	167	1.288	52	1.340

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON		CONTINGENCY		0000 NONE		ZDEPT No Department		Linear	54.84	Dollars

Factors 54.8351 Dollars

ESC		ESCALATION		0000 NONE		ZDEPT No Department		Linear	112.57	Dollars
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Factors 112.571 Dollars

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		E130 OTHER ENGINEERS		R100S RMRS Salaried		Linear	6.27	Hours

Factors 7.05 hours

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0101
Activity ID: 1E881BAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.45	Hours
Factors 2.76 hours								

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	56.03	Dollars
Factors 63 dollars								

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.245.08	Dollars
Factors 1400 dollars								

Activity ID: 1E881BBCHR Description: 881B Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	314	314	0	314
TrlrCHRPre89	Pre-1989 Trailer Characterization	0.72	msf	HC	24	17	427	1.654	0	2.081	120	2.201
Total for Activity 1E881BBCHR:						17	427	1.654	314	2.395	120	2.516

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	102.96	Dollars
Factors	102.961 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	211.37	Dollars
Factors	211.368 Dollars							

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01

Adjusted Unit Cost:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	7.62	Hours
Factors	8.57	hours								
								0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Srvs Steelworkers	Linear	15.99	Hours
Factors	17.98	hours								
								0.88934	[SYS 061400] .88934200 - System	
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	130.07	Dollars
Factors	146.25	dollars								
								0.88934	[SYS 061400] .88934200 - System	
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	2.167.77	Dollars
Factors	2437.5	dollars								

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0101
Activity ID: 1E881BFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Activity ID: 1E881BFDEM Description: 881B Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.304	4.304	0	4.304
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	0.72	msf	HC	0	0	0	13.927	0	13.927	0	13.927
Total for Activity 1E881BFDEM:						0	0	13.927	4.304	18.231	0	18.231

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	2.617.08	Dollars
Factors 2617.08 Dollars						
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	1.687.06	Dollars
Factors 1687.06 Dollars						

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	19.343.19	Dollars
Factors 21750 dollars						

0.88934 ISYS 0614001.88934200 - System

Activity ID: 1E881CAPEN Description: B881CA Decommissioning Planning & Engineering

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881CAPEN:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Planning & Engineering
Breakdown of Historical Data:
Item - Planning & Engineering
Units - 1msf
Unit Cost - 113.15 hrs, \$11,250 subcontracts, \$675 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0101
Activity ID: 1E881CAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	66.99	Hours
Factors 75.32 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
750 STRAIGHT TIME BASE G010 ADMINISTRATIVE ASSISTANTS R100S RMRS Salaried Linear 33.64 Hours									
Factors 37.83 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
A5C SUPPLIES 0000 NONE R100S RMRS Salaried Linear 609.31 Dollars									
Factors 675 Dollars 1.015 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Svstem									
A5H SUBCONTRACTED SRVS 0000 NONE R100S RMRS Salaried Linear 10.233.51 Dollars									
Factors 11250 Dollars 1.02283 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Svstem									

Activity ID: 1E881CBCHR Description: B881CA Decommissioning Characterization

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881CBCHR:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Characterization Breakdown of Historical Data: Item - Characterization Units - 1msf Unit Cost - 538.35 hrs, \$26,000 subcontracts, \$2,520 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	46.68	Hours
Factors 52.49 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
750 STRAIGHT TIME BASE T050 RADIATION CONTROL TECHNOLOGI R100S RMRS Salaried Linear 432.10 Hours									
Factors 485.87 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
A5C SUPPLIES 0000 NONE R100S RMRS Salaried Linear 2.274.76 Dollars									
Factors 2520 Dollars 1.015 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Svstem									
A5H SUBCONTRACTED SRVS 0000 NONE R100S RMRS Salaried Linear 23.650.79 Dollars									
Factors 26000 Dollars 1.02283 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Svstem									

Activity ID: 1E881CCSPR Description: B881CA Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Site Preparation	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881CCSPR:						0	0	0	0	0	0	0

Line Item 100 - Site Preparation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the
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WBS No: 1EED0101
Activity ID: 1E881CCSPR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Site Preparation
Breakdown of Historical Data:
Item - Site Preparation
Units - lmsf
Unit Cost -\$9,500 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	8.641.63
Factors	9500 Dollars	1.02283 -- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem
2 Schedule Risk 4

Activity ID: 1E881CDDEC Description: B881CA Decommissioning Decontamination

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881CDDEC:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Decontamination (Pre-1980 Facility) Breakdown of Historical Data: Item - Decontamination Units - lmsf Unit Cost - 454.23 hrs, \$48,800 subcontracts, \$2,196 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	66.83
Factors	75.14 Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	337.14
Factors	379.09 Hours						
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	44.875.49
Factors	48800 Dollars	1.034 -- FY00 Escalation --					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.982.29
Factors	2196 Dollars	1.015 -- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem
2 Schedule Risk 4

Activity ID: 1E881CEDIS Description: B881CA Decommissioning Dismantlement

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
200	Pipina/Internal Tank/Duct Removal	1.00	ls	HC	47.136	47.136	1.092.246	1.617.963	0	2.710.209	339.315	3.049.524
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	956.259	956.259	0	956.259
Total for Activity 1E881CEDIS:						47.136	1.092.246	1.617.963	956.259	3.666.469	339.315	4.005.784

WBS No: 1EED0101
Activity ID: 1E881CEDIS

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc - Decommissioning Dismantlement									
	Breakdown of Historical Data:									
	Item - Dismantlement									
	Units - lmsf									
Resources	Unit Cost - 236.22 hrs, \$54,900 subcontracts, \$1,098 supplies									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	83.46	Hours
Factors 93.84 Hours								
						0.88934 [SYS 061400]	.88934200	- System
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	922.19	Hours
Factors 1036.94 Hours								
						0.88934 [SYS 061400]	.88934200	- System
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	40.277.59	Dollars
Factors 43800 Dollars		1.034 -- FY00 Escalation --						
						0.88934 [SYS 061400]	.88934200	- System
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	4,744.50	Dollars
Factors 5256 Dollars		1.015 -- FY00 Escalation --						
						0.88934 [SYS 061400]	.88934200	- System

Line Item 200 - Piping/Internal Tank/Duct Removal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc -Dismantle and Remove Facility Piping, Internal Tanks, and Ducts									
	Breakdown of Historical Data:									
	Item - Remove Piping/Internal Tanks/Ducts									
	Units - lls									
Resources	Unit Cost - XX.XX hrs, \$XXXXX subcontracts, \$XXXX supplies									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	6.684.28	Hours
Factors 7515.98 hours								
						0.88934 [SYS 061400]	.88934200	- System
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.228.10	Hours
Factors 2505.33 hours								
						0.88934 [SYS 061400]	.88934200	- System
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	12.996.07	Hours
Factors 14613.1 hours								
						0.88934 [SYS 061400]	.88934200	- System
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	25.227.66	Hours
Factors 28366.7 hours								
						0.88934 [SYS 061400]	.88934200	- System

WBS No: 1EED0101
Activity ID: 1E881CEDIS

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	1.085.290.00	Dollars
Factors	1180202 dollars	1.034	-- FY00 Escalation --					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	532.673.40	Dollars
Factors	590101 dollars	1.015	-- FY00 Escalation --					
						0.88934	[SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	584.421.80	Dollars
Factors	584422 Dollars								
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	371.837.60	Dollars
Factors	371838 Dollars								

Activity ID: 1E881CFDEM Description: B881CA Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation & Slab Removal	5.10	msf	HC	0	0	0	94.932	0	94.932	0	94.932
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	51.291	51.291	0	51.291
Total for Activity 1E881CFDEM:						0	0	94.932	51.291	146.223	0	146.223

Line Item 100 - Demolition & Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Demolition & Disposal (Masonry Facility)
Breakdown of Historical Data:
Item - Demolition & Disposal
Units - 1msf
Unit Cost - \$15,500 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	14.253.48	Dollars
Factors	15500	Dollars	1.034	-- FY00 Escalation --					
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item 500 - Foundation & Slab Removal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Removal of Foundation and Slab
Breakdown of Historical Data:
Item - Removal of Foundation and Slab
Units - 1msf
Unit Cost - \$20,250 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0101
Activity ID: 1E881CFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.621.49	Dollars
Factors	20250 Dollars	1.034	-- FY00 Escalation --					
							0.88934 [SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	36.584.05	Dollars
Factors	36584.1 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	14.706.49	Dollars
Factors	14706.5 Dollars							

Activity ID: 1E881TAPEN Description: B881 CT Decommissioning Planning & Engineering

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881TAPEN:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Planning & Engineering
Breakdown of Historical Data:
Item - Planning & Engineering
Units - 1msf
Unit Cost - 30.57 hrs, \$4,000 subcontracts, \$150 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	19.75	Hours
Factors	22.21 Hours							
							0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.44	Hours
Factors	8.37 Hours							
							0.88934 [SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	135.40	Dollars
Factors	150 Dollars	1.015	-- FY00 Escalation --					
							0.88934 [SYS 061400] .88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.638.58	Dollars
Factors	4000 Dollars	1.02283	-- FY00 Escalation --					

Activity ID: 1E881TBCHR Description: B881 CT Decommissioning Characterization

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881TBCHR:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Characterization

WBS No: 1EED0101
Activity ID: 1E881TBCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Breakdown of Historical Data:
Item - Characterization
Units - lmsf
Unit Cost - 103.08 hrs, \$5,950 subcontracts, \$382.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.22	Hours
Factors	2.5	Hours									
									0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLIGI		R100S	RMRS Salaried	Linear	30.13	Hours	
Factors	33.88	Hours									
									0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	121.86	Dollars	
Factors	135	Dollars		1.015	-- FY00 Escalation --						
									0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	1,910.26	Dollars	
Factors	2100	Dollars		1.02283	-- FY00 Escalation --						
									0.88934	[SYS 061400]	.88934200 - Svstem
ctivity ID: 1E881TCSPR		Description: B881 CT Decommissioning Final Surveys					Cost Risk	2	Schedule Risk	2	

Activity ID: 1E881TCSPP Description: B881 CT Decommissioning Final Surveys

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Site Prep	0.00	lmsf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881TCSPP:						0	0	0	0	0	0	0

Line Item 100 - Site Prep

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Site Preparation Breakdown of Historical Data: Item - Site Preparation Units - lmsf Unit Cost -\$3,000 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	2,758.74	Dollars
	Factors	3000 Dollars	1.034	-- FY00 Escalation --					

Activity ID: 1E881TDDEC Description: B881 CT Decommissioning Decontamination

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	lmsf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881TDDEC:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
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WBS No: 1EED0101
Activity ID: 1E881TDDC

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Item Desc - Decommissioning Decontamination
Breakdown of Historical Data:
Item - Decontamination
Units - lmsf
Unit Cost - 63.53 hrs, \$13,950 subcontracts, \$232.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.29 Hours
Factors	2.58	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	54.21 Hours
Factors	60.95	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	209.87 Dollars
Factors	232.5	Dollars		1.015	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem			
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	12.689.56 Dollars
Factors	13950	Dollars		1.02283	-- FY00 Escalation --					

Activity ID: 1E881TEDIS Description: B881 CT Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E881TEDIS:						0	0	0	0	0	0	0

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Dismantlement Breakdown of Historical Data: Item - Dismantlement Units - lmsf Unit Cost -\$15,000 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.793.70 Dollars
Factors		15000	Dollars	1.034	-- FY00 Escalation --		

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1E881TFDEM Description: B881 CT Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation/Slab Removal	8.467.00	sf	HC	0	0	0	157.668	0	157.668	0	157.668
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	41.773	41.773	0	41.773
Total for Activity 1E881TFDEM:						0	0	157.668	41.773	199.441	0	199.441

WBS No: 1EED0101
Activity ID: 1E881TFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 100 - Demolition & Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc - Decommissioning Demolition & Disposal									
	Breakdown of Historical Data:									
	Item - Demolition & Disposal									
	Units - 1msf									
	Unit Cost - \$5,000 subcontracts									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	4.597.90	Dollars
Factors 5000 Dollars			1.034 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item 500 - Foundation/Slab Removal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.									
	Item Desc - Removal of Foundation/Slab									
	Breakdown of Historical Data:									
	Item - Removal of Foundation/Slab									
	Units - 1sf									
	Unit Cost - \$20.25 subcontracts									
	Unit Cost Adjustment factor - N/A									
	Revised Unit Cost - N/A									
	Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	18.62	Dollars
Factors 20.25 dollars			1.034 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE Resources										
	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department		Linear	24.033.78 Dollars
	Factors 24033.8 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department		Linear	17.738.94 Dollars
Factors 17738.9 Dollars										

Activity ID: 1EED1110 Description: B881 Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CAPEN-881CAX	Type2CA Bldg Planning & Engineering	5.10	msf	HC	82	420	11.361	44.062	0	55.424	3.980	59.403
2PEN	Type2 Bldg Planning & Engineering	240.06	msf	HC	47	11.304	305.724	1.558.484	0	1.864.208	107.089	1.971.297
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	379.129	379.129	0	379.129
Total for Activity 1EED1110:						11.724	317.085	1.602.546	379.129	2.298.760	111.069	2.409.829

Line Item 2CAPEN-881CAXAPEN - Type2CA Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.Historical Data Source											
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WBS No: 1EED0101
Activity ID: 1EED1110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 113.69; Subcontracts: \$11,250.00; Supplies: \$675.00
Total Unit Cost: \$14,999.81

Adjusted Unit Cost:

Labor Hours: 92.65371; Subcontracts: \$9,168.39; Supplies: \$550.10
Total Unit Cost: \$12,224.36
Adjustment Factor: 0.814968

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	48.86	Hours
Factors	67.41	hours	0.84	Learning Curve	0.98	PA Elimination	0.99 RSOP		
							0.88934 [SYS 061400]	88934200 - System	
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	33.54	Hours
Factors	46.28	hours	0.98	PA Elimination	0.84	Learning Curve	0.99 RSOP		
							0.88934 [SYS 061400]	88934200 - System	
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	489.23	Dollars
Factors	675	dollars	0.84	Learning Curve	0.98	PA Elimination	0.99 RSOP		
							0.88934 [SYS 061400]	88934200 - System	
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	8.153.83	Dollars
Factors	11250	dollars	0.84	Learning Curve	0.98	PA Elimination	0.99 RSOP		
							0.88934 [SYS 061400]	88934200 - System	

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00
Total Unit Cost: \$10,499.96

Adjusted Unit Cost:

Labor Hours: 52.94797; Subcontracts: \$6,985.44; Supplies: \$314.34
Total Unit Cost: \$8,731.77
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	27.92	Hours
Factors	37.75	hours	0.84	Learning Curve	0.99	RSOP			
							0.88934 [SYS 061400]	88934200 - System	
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.17	Hours
Factors	25.92	hours	0.84	Learning Curve	0.99	RSOP			
							0.88934 [SYS 061400]	88934200 - System	

WBS No: 1EED0101
Activity ID: 1EED1110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	279.56	Dollars
Factors	378 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.212.44	Dollars
Factors	8400 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	260.624.60	Dollars
Factors	260625 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	118.504.00	Dollars
Factors	118504 Dollars							

Activity ID: 1EED1120 Description: B881 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CACHR-881CAX	Type2CA Bldg Characterization	5.10	msf	HC	95	483	10.605	26.345	0	36.950	3.689	40.639
2CHR	Type2 Bldg Characterization	240.06	msf	HC	70	16.707	366.886	1.124.494	0	1.491.380	127.614	1.618.994
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	372.890	372.890	0	372.890
Total for Activity 1EED1120:						17.190	377.491	1.150.840	372.890	1.901.221	131.303	2.032.523

Line Item 2CACHR-881CAXBCHR - Type2CA Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 130.7; Subcontracts: \$6,500.00; Supplies: \$630.00
Total Unit Cost: \$10,000.18

Adjusted Unit Cost:
Labor Hours: 106.5163; Subcontracts: \$5,297.29; Supplies: \$513.43
Total Unit Cost: \$8,149.83
Adjustment Factor: 0.814968

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	8.52	Hours
Factors	11.75	hours		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Srvs Steelworkers	Linear	86.21	Hours
Factors	118.95	hours		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400] .88934200 - System	
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	456.61	Dollars
Factors	630	dollars		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400] .88934200 - System	
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	4.711.10	Dollars
Factors	6500	dollars		0.84	Learning Curve		0.98	PA Elimination	0.99	RSOP
								0.88934	[SYS 061400] .88934200 - System	

Line Item 2CHR - Type2 Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of

WBS No: 1EED0101
Activity ID: 1EED1120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 94.10001; Subcontracts: \$5,880.00; Supplies: \$453.60
Total Unit Cost: \$8,400.05

Adjusted Unit Cost:

Labor Hours: 78.25356; Subcontracts: \$4,889.81; Supplies: \$377.21
Total Unit Cost: \$6,985.48
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.26Hours
Factors	8.46	hours	0.84	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	63.34Hours
Factors	85.64	hours	0.84	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	335.47Dollars
Factors	453.6	dollars	0.84	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.348.71Dollars
Factors	5880	dollars	0.84	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	258.631.50Dollars
Factors	258632	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	114.258.80Dollars
Factors	114259	Dollars					

Activity ID: 1EED1130 Description: B881 Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CADIS-881CAX	Type2CA Bldg Dismantlement	5.10	msf	HC	945	4.818	104.833	214.780	0	319.614	29.563	349.177
2CADISPipe-881C	Type2CA Bldg Piping & Duct Dismantlement	2.950.50	lot (\$1K)	HC	19	56.049	1,259.259	1,364.484	0	2,623.743	355.111	2,978.854
2DIS	Type2 Bldg Dismantlement	240.06	msf	HC	199	47.740	1,038.758	11,629.026	0	12,667.784	292.930	12,960.714
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,381.382	2,381.382	0	2,381.382
Total for Activity 1EED1130:						108.607	2,402.850	13,208.290	2,381.382	17,992.523	677.604	18,670.126

Line Item 2CADIS-881CAXEDIS - Type2CA Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

WBS No: 1EED0101
Activity ID: 1EED1130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data: Labor Hours: 1303.93; Subcontracts: \$51,900.00; Supplies: \$6,228.00 Total Unit Cost: \$86,500.00						
Adjusted Unit Cost: Labor Hours: 1062.661; Subcontracts: \$42,296.84; Supplies: \$5,075.62 Total Unit Cost: \$70,494.73 Adjustment Factor: 0.814968						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		750 STRAIGHT TIME BASE	C120 D&D SKILLED TRADES	KE10H Indust/Site Svcs Steelworkers	Linear	872.94	Hours
Factors		1204.41 hours	0.98 PA Elimination	0.84 Learning Curve	0.99 RSOP		
					0.88934 [SYS 061400] .88934200 - Svstem		
		750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	72.13	Hours
Factors		99.52 hours	0.84 Learning Curve	0.98 PA Elimination	0.99 RSOP		
					0.88934 [SYS 061400] .88934200 - Svstem		
		A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	37.616.36	Dollars
Factors		51900 dollars	0.84 Learning Curve	0.98 PA Elimination	0.99 RSOP		
					0.88934 [SYS 061400] .88934200 - Svstem		
		A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	4.513.96	Dollars
Factors		6228 dollars	0.98 PA Elimination	0.84 Learning Curve	0.99 RSOP		
					0.88934 [SYS 061400] .88934200 - Svstem		

Line Item 2CADISPipe-881CAXEDI - Type2CA Bldg Piping & Duct Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.						
	Historical Unit Cost Data: Labor Hours: 21.36; Subcontracts: \$400.00; Supplies: \$120.00 Total Unit Cost: \$999.90						
	Adjusted Unit Cost: Labor Hours: 21.36; Subcontracts: \$400.00; Supplies: \$120.00 Total Unit Cost: \$999.90 Adjustment Factor: 1						
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		750 STRAIGHT TIME BASE	C120 D&D SKILLED TRADES	KE10H Indust/Site Svcs Steelworkers	Linear	10.06	Hours
Factors		11.31 hours					
					0.88934 [SYS 061400] .88934200 - Svstem		
		750 STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	3.01	Hours
Factors		3.39 hours					
					0.88934 [SYS 061400] .88934200 - Svstem		
		750 STRAIGHT TIME BASE	M040 MANAGERS (GRADE 64 - 68)	R100S RMRS Salaried	Linear	0.75	Hours
Factors		0.84 hours					
					0.88934 [SYS 061400] .88934200 - Svstem		
		750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KE10H Indust/Site Svcs Steelworkers	Linear	5.18	Hours
Factors		5.82 hours					
					0.88934 [SYS 061400] .88934200 - Svstem		

WBS No: 1EED0101
Activity ID: 1EED1130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	355.74	Dollars
Factors	400	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	106.72	Dollars
Factors	120	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30
Total Unit Cost: \$71,350.00

Adjusted Unit Cost:

Labor Hours: 223.6089; Subcontracts: \$53,401.20; Supplies: \$1,068.02
Total Unit Cost: \$59,334.66
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	183.69	Hours
Factors	248.37	hours	0.84	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.18	Hours
Factors	20.52	hours	0.84	Learning Curve	0.99	RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	47.491.92	Dollars
Factors	64215	dollars	0.84	Learning Curve	0.99	RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	949.84	Dollars
Factors	1284.3	dollars	0.84	Learning Curve	0.99	RSOP		

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	817.397.40	Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.563.985.00	Dollars
Factors	1563985	Dollars						

Activity ID: 1EED1140 Description: B881 Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CADECAsb-881	Type 2CA Bldg w/ Asbestos Decontamination	5.10	msf	HC	255	1.302	29.703	151.411	0	181.114	8.376	189.490
2DECAsb	Type2 Bldg w/Asbestos Decontamination	240.06	msf	HC	91	21.920	500.094	5.598.557	0	6.098.651	141.026	6.239.677
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	939.931	939.931	0	939.931
Total for Activity 1EED1140:						23.222	529.797	5.749.967	939.931	7.219.696	149.403	7.369.098

Line Item 2CADECAsb-881CAXDDEC - Type 2CA Bldg w/ Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of

WBS No: 1EED0101
Activity ID: 1EED1140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 352.3523; Subcontracts: \$39,213.10; Supplies: \$1,764.59
Total Unit Cost: \$49,016.46

Adjusted Unit Cost:

Labor Hours: 287.1558; Subcontracts: \$31,957.42; Supplies: \$1,438.08
Total Unit Cost: \$39,946.85
Adjustment Factor: 0.814968

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	39.17	Hours
Factors	0.7541	Dose Base	71.67	hours	0.84	Learning Curve	0.98	PA Elimination	
	0.99	RSOP					0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	216.21	Hours
Factors	0.7541	Dose Base	395.58	hours	0.84	Learning Curve	0.98	PA Elimination	
	0.99	RSOP					0.88934	ISYS 0614001 .88934200 - Svstem	
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	28.421.07	Dollars
Factors	0.7541	Dose Base	52000	dollars	0.84	Learning Curve	0.98	PA Elimination	
	0.99	RSOP					0.88934	ISYS 0614001 .88934200 - Svstem	
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	1.278.95	Dollars
Factors	0.7541	Dose Base	2340	dollars	0.84	Learning Curve	0.98	PA Elimination	
	0.99	RSOP					0.88934	ISYS 0614001 .88934200 - Svstem	

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.03

Adjusted Unit Cost:

Labor Hours: 102.6693; Subcontracts: \$25,708.91; Supplies: \$514.18
Total Unit Cost: \$28,565.48
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	14.01	Hours
Factors	18.94	dollars	0.84	Learning Curve	0.99	RSOP			
							0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	77.30	Hours
Factors	104.52	hours	0.84	Learning Curve	0.99	RSOP			
							0.88934	ISYS 0614001 .88934200 - Svstem	

WBS No: 1EED0101
Activity ID: 1EED1140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	22,864.02	Dollars
Factors	30915 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	457.28	Dollars
Factors	618.3 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	322.62670	Dollars
Factors	322627 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	617.30460	Dollars
Factors	617305 Dollars				

Activity ID: 1EED1150 Description: B881 Decommissioning Final Surveys

Cost Risk 4 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CAFSS-881CAX	Type2CA Bldg Final Status Survey	5.10	msf	HC	0	0	0	73.899	0	73.899	0	73.899
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	240.06	msf	HC	0	0	0	2,973.867	0	2,973.867	0	2,973.867
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1,681.357	1,681.357	0	1,681.357
Total for Activity 1EED1150:						0	0	3,047.766	1,681.357	4,729.123	0	4,729.123

Line Item 2CAFSS-881CAXCFSS - Type2CA Bldg Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$20,000.00; Supplies: \$0.00
Total Unit Cost: \$20,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$16,299.36; Supplies: \$0.00
Total Unit Cost: \$16,299.36
Adjustment Factor: 0.814968

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	14.49571	Dollars
Factors	20000 dollars	0.98 PA Elimination	0.84 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Ssystem

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

WBS No: 1EED0101
Activity ID: 1EED1150

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$13,929.30; Supplies: \$0.00
Total Unit Cost: \$13,929.30
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources			Cost Element		Skill		Department		Curve	Quantity	Units
			A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	12.387.91	Dollars
Factors			16750	dollars	0.84	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Ssystem	

Line Item SYS - Contingency And Escalation

Resources			Cost Element		Skill		Department		Curve	Quantity	Units
			CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.209.211.00	Dollars
Factors			1209211	Dollars							
			ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	472.146.10	Dollars
Factors			472146	Dollars							

Activity ID: 1EED1160 Description: B881 Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CADEMBIk-881C	Type 2CA Masonry Building Demolition	5.10	msf	HC	0	0	0	64.662	0	64.662	0	64.662
2DEMBIk	Type 2 Masonry Bldg Demolition	240.06	msf	HC	0	0	0	2.991.621	0	2.991.621	0	2.991.621
2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	240.06	msf	HC	0	0	0	4.323.319	0	4.323.319	0	4.323.319
2DEMBIkSlab-881	Type 2 Bldg Demolition Slab/Foundation	5.10	msf	HC	0	0	0	91.811	0	91.811	0	91.811
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.121.744	4.121.744	0	4.121.744
Total for Activity 1EED1160:						0	0	7.471.412	4.121.744	11.593.157	0	11.593.157

Line Item 2CADEMBIk-881CAXFDEM - Type 2CA Masonry Building Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data:									
	Labor Hours: 0; Subcontracts: \$17,500.00; Supplies: \$0.00									
	Total Unit Cost: \$17,500.00									
	Adjusted Unit Cost:									
	Labor Hours: 0; Subcontracts: \$14,261.94; Supplies: \$0.00									
	Total Unit Cost: \$14,261.94									
	Adjustment Factor: 0.814968									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources			Cost Element		Skill		Department		Curve	Quantity	Units
			A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	12.683.74	Dollars
Factors			17500	dollars	0.98	PA Elimination	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System

Line Item 2DEMBIk - Type 2 Masonry Bldg Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their											

WBS No: 1EED0101
Activity ID: 1EED1160

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00
Total Unit Cost: \$16,850.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$14,012.46; Supplies: \$0.00
Total Unit Cost: \$14,012.46
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	12.461.87	Dollars
Factors	16850	dollars	0.84	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 2DEMB1kSlab - Type 2 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors	20250	dollars							

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 2DEMB1kSlab-881CAXFD - Type 2 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00

WBS No: 1EED0101
Activity ID: 1EED1160

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

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Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors 20250 dollars									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2.964.307.00	Dollars
Factors 2964307 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.157.437.00	Dollars
Factors 1157437 Dollars									

WBS No: 1EED0102 Title: B-881F Decommissioning

Activity ID: 1EED1210 Description: B881F Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1210:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Planning & Engineering											
	Breakdown of Historical Data:											
	Item - Planning & Engineering											
	Units - 1msf											
	Unit Cost - 63.36 hrs, \$8,400 subcontracts, \$378 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	37.51	Hours
Factors 42.18 Hours									
								0.88934 [SYS 061400] .88934200 - Svstem	
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	18.85	Hours
Factors 21.19 Hours									
								0.88934 [SYS 061400] .88934200 - Svstem	
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	341.21	Dollars
Factors 378 Dollars 1.015 -- FY00 Escalation --									
								0.88934 [SYS 061400] .88934200 - Svstem	
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.641.02	Dollars
Factors 8400 Dollars 1.02283 -- FY00 Escalation --									

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED1220 Description: B881F Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1220:						0	0	0	0	0	0	0

WBS No: 1EED0102
Activity ID: 1EED1220

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

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Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.										
	Item Desc - Decommissioning Characterization Breakdown of Historical Data: Item - Characterization Units - lmsf Unit Cost - 386.46 hrs, \$23,450 subcontracts, \$1809 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	33.51	Hours
Factors			37.68	Hours		0.88934 [SYS 061400] .88934200 - System					
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLIGI		R100S	RMRS Salaried	Linear	310.18	Hours
Factors			348.78	Hours		0.88934 [SYS 061400] .88934200 - System					
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	1.632.95	Dollars
Factors			1809	Dollars		1.015 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	21.331.19	Dollars
Factors			23450	Dollars		1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			
activity ID: 1EED1230			Description: B881F Decommissioning Dismantlement					Cost Risk	4	Schedule Risk	4

Activity ID: 1EED1230 Description: B881F Decommissioning Dismantlement

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	lmsf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1230:						0	0	0	0	0	0	0

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.										
	Item Desc - Decommissioning Dismantlement Breakdown of Historical Data: Item - Dismantlement Units - lmsf Unit Cost - 236.22 hrs, \$54,900 subcontracts, \$1,098 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	17.43	Hours
	Factors 19.6 Hours								
								0.88934	[SYS 061400] .88934200 - System
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	192.65	Hours
Factors 216.62 Hours									
							0.88934	[SYS 061400] .88934200 - System	

WBS No: 1EED0102
Activity ID: 1EED1230

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
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A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	50.484.92	Dollars
Factors	54900	Dollars	1.034	-- FY00 Escalation --				
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	991.14	Dollars
Factors	1098	Dollars	1.015	-- FY00 Escalation --				
							0.88934	[SYS 061400] .88934200 - Svstem

Activity ID: 1EED1240 Description: B881F Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1240:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
	Item Desc - Decommissioning Decontamination (Pre-1980 Facility) Breakdown of Historical Data: Item - Decontamination Units - 1msf Unit Cost - 115.42 hrs, \$27,900 subcontracts, \$558 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	16.98	Hours
Factors	19.09	Hours								
								0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	85.67	Hours
Factors	96.33	Hours								
								0.88934	[SYS 061400]	.88934200 - Svstem
A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	25,656.27	Dollars
Factors	27900	Dollars	1.034	-- FY00 Escalation --						
								0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	503.70	Dollars
Factors	558	Dollars	1.015	-- FY00 Escalation --						

Activity ID: 1EED1250 Description: B881F Decommissioning Final Surveys

Cost Risk 4 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Site Preparation	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1250:						0	0	0	0	0	0	0

Line Item 100 - Site Preparation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
	Item Desc - Decommissioning Site Preparation (Pre-1980 Facility) Breakdown of Historical Data: Item - Site Preparation Units - 1msf Unit Cost - \$7,000 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A

WBS No: 1EED0102
Activity ID: 1EED1250

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

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Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	6.437.06	Dollars		
Factors	7000	Dollars	1.034	-- FY00 Escalation --						

Activity ID: 1EED1260

Description: B881F Decommissioning Demolition & Disposal

Cost Risk 0.88934 [SYS 061400] .88934200 - Svsstem
4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation/Slab Removal	1.08	msf	HC	0	0	0	20.018	0	20.018	0	20.018
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	5.304	5.304	0	5.304
Total for Activity 1EED1260:						0	0	20.018	5.304	25.322	0	25.322

Line Item 100 - Demolition & Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Demolition & Disposal (Masonry Facility) Breakdown of Historical Data: Item - Demolition & Disposal Units - 1msf Unit Cost - \$15,500 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	14.253.48	Dollars		
Factors	15500	Dollars	1.034	-- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item 500 - Foundation/Slab Removal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Removal of Foundation and Slab Breakdown of Historical Data: Item - Removal of Foundation and Slab Units - 1msf Unit Cost - \$20,250 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.621.49	Dollars		
Factors	20250	Dollars	1.034	-- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources		Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0102
Activity ID: 1EED1260

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

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CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3,051.41	Dollars
Factors	3051.41	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2,252.20	Dollars
Factors	2252.2	Dollars						

WBS No:	1EED0103	Title:	B-881G Decommissioning						Cost Risk	1	Schedule Risk	2
Activity ID:	1EED1031	Description:	B881G Decommissioning Planning & Engineering									
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning and Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1031:						0	0	0	0	0	0	0

Line Item 100 - Planning and Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Planning & Engineering	
Breakdown of Historical Data:	
Item - Planning & Engineering	
Units - lmsf	
Unit Cost - 30.57 hrs, \$4,000 subcontracts, \$150 supplies	
Unit Cost Adjustment factor - N/A	
Revised Unit Cost - N/A	
Basis for adjustment - N/A	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	19.75	Hours
Factors	22.21	Hours									
									0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	7.44	Hours	
Factors	8.37	Hours									
									0.88934	[SYS 061400] .88934200 - System	
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	135.40	Dollars	
Factors	150	Dollars		1.015	-- FY00 Escalation --						
									0.88934	[SYS 061400] .88934200 - System	
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	3,638.58	Dollars	
Factors	4000	Dollars		1.02283	-- FY00 Escalation --						

Activity ID:	1EED1032	Description:	B881G Decommissioning Characterization						Cost Risk	1	Schedule Risk	2
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1032:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Characterization	
Breakdown of Historical Data:	
Item - Characterization	
Units - lmsf	
Unit Cost - 85.60 hrs, \$6,375 subcontracts, \$318.75 supplies	
Unit Cost Adjustment factor - N/A	
Revised Unit Cost - N/A	
Basis for adjustment - N/A	

WBS No: 1EED0103
Activity ID: 1EED1032

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	5.77	Hours
Factors	6.49	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	70.36	Hours	
Factors	79.11	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	287.73	Dollars	
Factors	318.75	Dollars	1.015	-- FY00 Escalation --	0.88934 [SYS 061400] .88934200 - Svstem				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.798.99	Dollars	
Factors	6375	Dollars	1.02283	-- FY00 Escalation --	0.88934 [SYS 061400] .88934200 - Svstem				

Activity ID: 1EED1033 Description: B881G Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1033:						0	0	0	0	0	0	0

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Dismantlement	
Breakdown of Historical Data:	
Item - Dismantlement	
Units - lmsf	
Unit Cost - 61.48 hrs, \$13,500 subcontracts, \$225 supplies	
Unit Cost Adjustment factor - N/A	
Revised Unit Cost - N/A	
Basis for adjustment - N/A	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.22	Hours
Factors	2.5	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	52.45	Hours
Factors	58.98	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	12.414.33	Dollars
Factors	13500	Dollars		1.034	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	203.10	Dollars
Factors	225	Dollars		1.015	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

Activity ID: 1EED1034 Description: B881G Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1034:						0	0	0	0	0	0	0

WBS No: 1EED0103
Activity ID: 1EED1034

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Decontamination (Pre-1980 Facility)											
	Breakdown of Historical Data:											
	Item - Decontamination											
	Units - 1msf											
Resources	Unit Cost - 127.06 hrs, \$27,900 subcontracts, \$465 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.59	Hours
Factors 5.16 Hours								
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	108.40	Hours
Factors 121.89 Hours								
0.88934 [SYS 061400] .88934200 - System								
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	25.656.27	Dollars
Factors 27900 Dollars 1.034 -- FY00 Escalation --								
0.88934 [SYS 061400] .88934200 - System								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	419.75	Dollars
Factors 465 Dollars 1.015 -- FY00 Escalation --								
0.88934 [SYS 061400] .88934200 - System								

Activity ID: 1EED1035 Description: B881G Decommissioning Final Surveys

Cost Risk 4 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Site Perparation	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED1035:						0	0	0	0	0	0	0

Line Item 100 - Site Perparation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Site Preparation											
	Breakdown of Historical Data:											
	Item - Site Preparation											
	Units - 1msf											
Resources	Unit Cost -\$3,000 subcontracts											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	2.758.74	Dollars
Factors 3000 Dollars 1.034 -- FY00 Escalation --								

Activity ID: 1EED1036 Description: B881G Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition and Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0

WBS No: 1EED0103
Activity ID: 1EED1036

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

500	Foundation/Slab Removal	1.96	msf	HC	0	0	0	26.405	0	26.405	0	26.405
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.996	6.996	0	6.996
Total for Activity 1EED1036:					0	0	0	26.405	6.996	33.401	0	33.401

Line Item 100 - Demolition and Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Demolition & Disposal (Masonry Facility)

Breakdown of Historical Data:

Item - Demolition & Disposal

Units - 1msf

Unit Cost - \$15,500 subcontracts

Unit Cost Adjustment factor - N/A

Revised Unit Cost - N/A

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	14.253.48	Dollars
Factors	15500	Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 500 - Foundation/Slab Removal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Removal of Foundation and Slab

Breakdown of Historical Data:

Item - Removal of Foundation and Slab

Units - 1msf

Unit Cost - \$14,650 subcontracts

Unit Cost Adjustment factor - N/A

Revised Unit Cost - N/A

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	13.471.84	Dollars
Factors	14650	Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE		ZDEPT	No Department	Linear	4.024.96	Dollars
Factors	4024.96	Dollars							
ESC	ESCALATION	0000	NONE		ZDEPT	No Department	Linear	2.970.75	Dollars
Factors	2970.75	Dollars							

WBS No: 1EED0105 Title: 881 Cluster Decommissioning Support Serv

Activity ID: 1EED1051 Description: Building 830 Decommissioning Planning & Engineerin

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	0.38	msf	HC	23	9	253	1.235	0	1.488	71	1.559
Total for Activity 1EED1051:						9	253	1.235	0	1.488	71	1.559

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of

WBS No: 1EED0105
Activity ID: 1EED1051

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00
Total Unit Cost: \$5,000.01

Adjusted Unit Cost:

Labor Hours: 26.23183; Subcontracts: \$3,484.80; Supplies: \$130.68
Total Unit Cost: \$4,356.01
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.40	Hours
Factors	19.88 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.93	Hours
Factors	10.23 hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	116.22	Dollars
Factors	150 Dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.099	Dollars
Factors	4000 Dollars	0.88	Learning Curve	0.99	RSOP			

Activity ID: 1EED1052

Description: 830 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	0.38	msf	HC	232	89	1.931	7.153	0	9.084	544	9.628
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.375	1.375	0	1.375
Total for Activity 1EED1052:						89	1.931	7.153	1.375	10.459	544	11.003

Line Item 1CHR - Type1 Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63
Total Unit Cost: \$2,150.12

Adjusted Unit Cost:

Labor Hours: 18.35619; Subcontracts: \$1,404.81; Supplies: \$70.24
Total Unit Cost: \$1,873.18
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0105
Activity ID: 1EED1052

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.17	Hours
Factors	1.47	Hours	0.88	Learning Curve	0.99	RSOP	14.2	B830 Type 1 Char Adi
							0.88934	ISYS 0614001.88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	215.64	Hours
Factors	19.6	hours	0.88	Learning Curve	0.99	RSOP	14.2	B830 Type 1 Char Adi
							0.88934	ISYS 0614001.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	887.10	Dollars
Factors	80.63	dollars	0.88	Learning Curve	0.99	RSOP	14.2	B830 Type 1 Char Adi
							0.88934	ISYS 0614001.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	17,740.86	Dollars
Factors	1612.5	dollars	0.88	Learning Curve	0.99	RSOP	14.2	B830 Type 1 Char Adi
							0.88934	ISYS 0614001.88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	450.32	Dollars
Factors	450.325 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	924.47	Dollars
Factors	924.471 Dollars							

Activity ID: 1EED1053 Description: 830 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.38	msf	HC	60	23	486	5,132	0	5,617	137	5,754
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	828	828	0	828
Total for Activity 1EED1053:						23	486	5,132	828	6,445	137	6,582

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 76.93; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:
Labor Hours: 67.02142; Subcontracts: \$14,779.91; Supplies: \$246.33
Total Unit Cost: \$16,448.59
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES		KE10H	Indust/Site Svcs Steelworkers	Linear	57.43	Hours
Factors	74.12	hours		0.88	Learning Curve		0.99	RSOP		
									0.88934	ISYS 0614001.88934200 - Svstem
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.18	Hours
Factors	2.81	hours		0.88	Learning Curve		0.99	RSOP		
									0.88934	ISYS 0614001.88934200 - Svstem
A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	13,144.39	Dollars
Factors	16965	dollars		0.88	Learning Curve		0.99	RSOP		
									0.88934	ISYS 0614001.88934200 - Svstem

WBS No: 1EED0105
Activity ID: 1EED1053

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	219.07	Dollars
Factors	282.75	dollars	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	275.41	Dollars
Factors	275.415 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	552.51	Dollars
Factors	552.506 Dollars							

Activity ID: 1EED1054 Description: 830 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECAsb	Type 1 Bldg w/ Asbestos Decontamination	0.38	msf	HC	101	39	822	8.671	0	9.492	237	9.729
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.921	1.921	0	1.921
Total for Activity 1EED1054:						39	822	8.671	1.921	11.413	237	11.650

Line Item 1DECAsb - Type 1 Bldg w/ Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 129.99; Subcontracts: \$28,665.00; Supplies: \$478.00
Total Unit Cost: \$31,904.23

Adjusted Unit Cost:
Labor Hours: 113.2473; Subcontracts: \$24,972.95; Supplies: \$416.43
Total Unit Cost: \$27,794.96
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	3.68	Hours
Factors	4.75	hours		0.88	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem										
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	97.04	Hours
Factors	125.24	hours		0.88	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem										
A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	22.209.49	Dollars
Factors	28665	dollars		0.88	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem										
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	370.35	Dollars
Factors	478	dollars		0.88	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem										

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	933.57	Dollars
Factors 933.566 Dollars								

WBS No: 1EED0105
Activity ID: 1EED1054

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	987.17	Dollars
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Factors 987.173 Dollars

Activity ID: 1EED1055 Description: 830 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	0.38	msf	HC	0	0	0	1.264	0	1.264	0	1.264
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	683	683	0	683
Total for Activity 1EED1055:						0	0	1.264	683	1.948	0	1.948

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00 Total Unit Cost: \$4,250.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$3,702.60; Supplies: \$0.00 Total Unit Cost: \$3,702.60 Adjustment Factor: 0.8712 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	3.292.88	Dollars

Factors 4250 dollars

0.88 Learning Curve

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	487.29	Dollars

Factors 487.287 Dollars

ESC ESCALATION

Factors 195.885 Dollars

Activity ID: 1EED1056 Description: 830 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMMod	Type 1 Modular Demolition	0.38	msf	HC	0	0	0	3.541	0	3.541	0	3.541
1DEMslabMod	Type 1 Bldg Demolition Slab/Foundation	0.38	msf	HC	0	0	0	5.003	0	5.003	0	5.003
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.616	4.616	0	4.616
Total for Activity 1EED1056:						0	0	8.544	4.616	13.160	0	13.160

Line Item 1DEMMod - Type 1 Modular Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
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WBS No: 1EED0105
Activity ID: 1EED1056

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$11,900.00; Supplies: \$0.00
Total Unit Cost: \$11,900.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$10,367.28; Supplies: \$0.00
Total Unit Cost: \$10,367.28
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	9.220.06	Dollars		
Factors	11900	dollars	0.88	Learning Curve	0.99	RSOP	0.88934	[SYS 061400]	.88934200	- Svstem

Line Item 1DEM**SlabMod - Type 1 Bldg Demolition Slab/Foundation**

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00									
	Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.028.86	Dollars		
Factors	14650	dollars					0.88934	[SYS 061400]	.88934200	- Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources										
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.292.44	Dollars		
Factors	3292.44	Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.323.53	Dollars		
Factors	1323.53	Dollars								

WBS No:	1EED0107	Title:	B-885 Decommissioning	Cost Risk	1	Schedule Risk	2
Activity ID:	1EED1071	Description:	885 Decommissioning Planning & Engineering				

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	0.53	msf	HC	23	12	351	1.714	0	2.065	99	2.164
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	370	370	0	370
Total for Activity 1EED1071:						12	351	1.714	370	2.434	99	2.534

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source									
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WBS No: 1EED0107
Activity ID: 1EED1071

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00
Total Unit Cost: \$5,000.01

Adjusted Unit Cost:

Labor Hours: 26.23183; Subcontracts: \$3,484.80; Supplies: \$130.68
Total Unit Cost: \$4,356.01
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.40Hours
Factors	19.88	hours	0.88	Learning Curve	0.99	RSOP	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.93Hours
Factors	10.23	hours	0.88	Learning Curve	0.99	RSOP	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	116.22Dollars
Factors	150	Dollars	0.88	Learning Curve	0.99	RSOP	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.099.18Dollars
Factors	4000	Dollars	0.88	Learning Curve	0.99	RSOP	

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	159.78Dollars
Factors	159.781	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	209.87Dollars
Factors	209.867	Dollars					

Activity ID: 1EED1072 Description: 885 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	0.53	msf	HC	163	87	1.887	6.991	0	8.878	532	9.410
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	1.344	1.344	0	1.344
Total for Activity 1EED1072:						87	1.887	6.991	1.344	10.222	532	10.754

Line Item 1CHR - Type1 Bldg Characterization

BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
		Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
		Historical Unit Cost Data: Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63 Total Unit Cost: \$2,150.12
		Adjusted Unit Cost:

WBS No: 1EED0107
Activity ID: 1EED1072

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Labor Hours: 18.35619; Subcontracts: \$1,404.81; Supplies: \$70.24 Total Unit Cost: \$1,873.18 Adjustment Factor: 0.8712 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources			Cost Element	Skill	Department	Curve	Quantity	Units
			750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	11.39	Hours
Factors			1.47 Hours	0.88 Learning Curve	0.99 RSOP	10 B885 Type 1 Char Adi	0.88934 ISYS 0614001.88934200 - Svstem	
			750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KE10H Indust/Site Svcs Steelworkers	Linear	151.86	Hours
Factors			19.6 hours	0.88 Learning Curve	0.99 RSOP	10 B885 Type 1 Char Adi	0.88934 ISYS 0614001.88934200 - Svstem	
			A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	624.72	Dollars
Factors			80.63 dollars	0.88 Learning Curve	0.99 RSOP	10 B885 Type 1 Char Adi	0.88934 ISYS 0614001.88934200 - Svstem	
			A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	12.493.57	Dollars
Factors			1612.5 dollars	0.88 Learning Curve	0.99 RSOP	10 B885 Type 1 Char Adi	0.88934 ISYS 0614001.88934200 - Svstem	

Line Item SYS - Contingency And Escalation

Resources			Cost Element	Skill	Department	Curve	Quantity	Units
			CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	440.12	Dollars
Factors			440.115 Dollars					
			ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	903.51	Dollars
Factors			903.513 Dollars					

Activity ID: 1EED1073 Description: 885 Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.86	msf	HC	60	51	1.087	11.489	0	12.576	307	12.883
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.883	1.883	0	1.883
Total for Activity 1EED1073:						51	1.087	11.489	1.883	14.459	307	14.766

Line Item 1DIS - Type1 Bldg Dismantlement

BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 76.93001; Subcontracts: \$16,965.00; Supplies: \$282.75 Total Unit Cost: \$18,880.39 Adjusted Unit Cost: Labor Hours: 67.02142; Subcontracts: \$14,779.91; Supplies: \$246.33 Total Unit Cost: \$16,448.59 Adjustment Factor: 0.8712 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources			Cost Element	Skill	Department	Curve	Quantity	Units
			750 STRAIGHT TIME BASE	C120 D&D SKILLED TRADES	KE10H Indust/Site Svcs Steelworkers	Linear	57.43	Hours
Factors			74.12 hours	0.88 Learning Curve	0.99 RSOP	0.88934 ISYS 0614001.88934200 - Svstem		

WBS No: 1EED0107
Activity ID: 1EED1073

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.18	Hours
Factors	2.81 hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.144.39	Dollars
Factors	16965 dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	219.07	Dollars
Factors	282.75 dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	646.47	Dollars
	Factors 646.474 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,236.94	Dollars
	Factors 1236.94 Dollars								

Activity ID: 1EED1074 Description: 885 Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECAsb	Type 1 Bldg w/ Asbestos Decontamination	0.86	msf	HC	101	87	1.839	19.412	0	21.251	640	21.891
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12.077	12.077	0	12.077
Total for Activity 1EED1074:						87	1.839	19.412	12.077	33.328	640	33.968

Line Item 1DECAsb - Type 1 Bldg w/ Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 129.99; Subcontracts: \$28,665.00; Supplies: \$478.00
Total Unit Cost: \$31,904.23

Adjusted Unit Cost:
Labor Hours: 113.2473; Subcontracts: \$24,972.95; Supplies: \$416.43
Total Unit Cost: \$27,794.96
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	3.68	Hours
Factors	4.75	hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	97.04	Hours
Factors	125.24	hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	22.209.49	Dollars
Factors	28665	dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	370.35	Dollars
Factors	478	dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		

WBS No: 1EED0107
Activity ID: 1EED1074

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	8.685.34	Dollars
Factors 8685.34 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.391.26	Dollars
Factors 3391.26 Dollars								

Activity ID: 1EED1075

Description: 885 Decommissioning Final Surveys

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	0.96	msf	HC	0	0	0	3.161	0	3.161	0	3.161
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	0.96	msf	HC	0	0	0	12.459	0	12.459	0	12.459
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	8.356	8.356	0	8.356
Total for Activity 1EED1075:						0	0	15.620	8.356	23.975	0	23.975

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00
Total Unit Cost: \$4,250.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$3,702.60; Supplies: \$0.00
Total Unit Cost: \$3,702.60
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.292.88	Dollars
Factors 4250 dollars 0.88 Learning Curve 0.99 RSOP								

0.88934 [SYS 061400] .88934200 - System

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$14,592.60; Supplies: \$0.00
Total Unit Cost: \$14,592.60
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0107
Activity ID: 1EED1075

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	12.977.81	Dollars
Factors 16750 dollars 0.88 Learning Curve 0.99 RSOP									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	5.935.75	Dollars
Factors 5935.75 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.419.76	Dollars
Factors 2419.76 Dollars									

Activity ID: 1EED1076 Description: 885 Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	0.96	msf	HC	0	0	0	11.826	0	11.826	0	11.826
1DEMSlabBlk	Type 1 Bldg Demolition Slab/Foundation	0.46	msf	HC	0	0	0	5.993	0	5.993	0	5.993
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.831	9.831	0	9.831
Total for Activity 1EED1076:						0	0	17.820	9.831	27.650	0	27.650

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00
Total Unit Cost: \$15,900.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$13,852.08; Supplies: \$0.00
Total Unit Cost: \$13,852.08
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	12.319.24	Dollars
Factors 15900 dollars 0.88 Learning Curve 0.99 RSOP									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item 1DEMSlabBlk - Type 1 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00
Total Unit Cost: \$14,650.00

Adjusted Unit Cost:

WBS No: 1EED0107
Activity ID: 1EED1076

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00
Total Unit Cost: \$14,650.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.028.86Dollars
Factors		14650	dollars				

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Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	7.070.04Dollars
Factors		7070.04	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.760.55Dollars
Factors		2760.55	Dollars				

WBS No: 1EED0108 Title: B-887 Decommissioning

Activity ID: 1E887BAPEN Description: B887B Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	1.55	msf	HC	54	84	2.263	11.537	0	13.800	638	14.439
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.062	2.062	0	2.062
Total for Activity 1E887BAPEN:						84	2.263	11.537	2.062	15.862	638	16.500

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00
Total Unit Cost: \$10,499.96

Adjusted Unit Cost:

Labor Hours: 60.51197; Subcontracts: \$7,983.36; Supplies: \$359.25
Total Unit Cost: \$9,979.16
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	31.91Hours
Factors		37.75	hours	0.96	Learning Curve	0.99	RSOP
						0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	21.91Hours
Factors		25.92	hours	0.96	Learning Curve	0.99	RSOP
						0.88934 [SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	319.50Dollars
Factors		378	dollars	0.96	Learning Curve	0.99	RSOP
						0.88934 [SYS 061400] .88934200 - Svstem	

WBS No: 1EED0108
Activity ID: 1E887BAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.099.94	Dollars
Factors	8400 dollars	0.96	Learning Curve	0.99	RSOP			

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Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	675.31	Dollars
Factors	675.312 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.386.35	Dollars
Factors	1386.35 Dollars							

Activity ID: 1E887BBCHR Description: B887B Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CHR	Type2 Bldg Characterization	1.55	msf	HC	80	124	2.716	8.324	0	11.040	766	11.806
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.686	1.686	0	1.686
Total for Activity 1E887BBCHR:						124	2.716	8.324	1.686	12.726	766	13.492

Line Item 2CHR - Type2 Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 94.1; Subcontracts: \$5,880.00; Supplies: \$453.60
Total Unit Cost: \$8,400.05

Adjusted Unit Cost:
Labor Hours: 89.43264; Subcontracts: \$5,588.35; Supplies: \$431.10
Total Unit Cost: \$7,983.40
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	7.15	Hours
Factors	8.46	hours		0.96	Learning Curve		0.99	RSOP		
									0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Srvs Steelworkers	Linear	72.39	Hours
Factors	85.64	hours		0.96	Learning Curve		0.99	RSOP		
									0.88934	[SYS 061400] .88934200 - Svstem
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	383.40	Dollars
Factors	453.6	dollars		0.96	Learning Curve		0.99	RSOP		
									0.88934	[SYS 061400] .88934200 - Svstem
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	4.969.96	Dollars
Factors	5880	dollars		0.96	Learning Curve		0.99	RSOP		

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	552.20	Dollars
Factors	552.197 Dollars							

WBS No: 1EED0108
Activity ID: 1E887BBCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,133.60	Dollars
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Factors 1133.60 Dollars

Activity ID: 1E887BFDEM Description: B887B Decommissioning Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBIk	Type 2 Masonry Bldg Demolition	1.55	msf	HC	0	0	0	22,147	0	22,147	0	22,147
2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	1.55	msf	HC	0	0	0	28,004	0	28,004	0	28,004
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12,125	12,125	0	12,125
Total for Activity 1E887BFDEM:						0	0	50,151	12,125	62,276	0	62,276

Line Item 2DEMBIk - Type 2 Masonry Bldg Demolition

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00 Total Unit Cost: \$16,850.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$16,014.24; Supplies: \$0.00 Total Unit Cost: \$16,014.24 Adjustment Factor: 0.9504</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	14,242.14	Dollars
Factors	16850 dollars	0.96 Learning Curve	0.99 RSOP			

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Line Item 2DEMBIkSlab - Type 2 Bldg Demolition Slab/Foundation

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	18,009.18	Dollars
Factors	20250 dollars					

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WBS No: 1EED0108
Activity ID: 1E887BFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			6.644.51	Dollars
Factors		6644.51 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear			5.480.57	Dollars
Factors		5480.57 Dollars								

Activity ID: 1EED1083 Description: B-887 Dismatlement

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	1.55	msf	HC	227	353	7.690	86.088	0	93.778	2.169	95.946
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	13.805	13.805	0	13.805
Total for Activity 1EED1083:						353	7.690	86.088	13.805	107.582	2.169	109.751

Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30
Total Unit Cost: \$71,350.00

Adjusted Unit Cost:
Labor Hours: 255.553; Subcontracts: \$61,029.94; Supplies: \$1,220.60
Total Unit Cost: \$67,811.04
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear			209.93	Hours
Factors		248.37 hours		0.96 Learning Curve		0.99 RSOP		0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear			17.34	Hours
Factors		20.52 hours		0.96 Learning Curve		0.99 RSOP		0.88934 [SYS 061400] .88934200 - System		
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear			54.276.48	Dollars
Factors		64215 dollars		0.96 Learning Curve		0.99 RSOP		0.88934 [SYS 061400] .88934200 - System		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear			1.085.53	Dollars
Factors		1284.3 dollars		0.96 Learning Curve		0.99 RSOP		0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			4.592.22	Dollars
Factors		4592.22 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear			9.212.40	Dollars
Factors		9212.4 Dollars								

Activity ID: 1EED1084 Description: B-887 Decontamination

Cost Risk 2 Schedule Risk 2

WBS No: 1EED0108
Activity ID: 1EED1084

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb	Type2 Bldg w/Asbestos Decontamination	1.55	msf	HC	104	162	3,702	41,445	0	45,147	1,044	46,191
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6,646	6,646	0	6,646
Total for Activity 1EED1084:						162	3,702	41,445	6,646	51,793	1,044	52,837

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30 Total Unit Cost: \$34,350.03</p> <p>Adjusted Unit Cost: Labor Hours: 117.3364; Subcontracts: \$29,381.62; Supplies: \$587.63 Total Unit Cost: \$32,646.27 Adjustment Factor: 0.9504</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.01	Hours
Factors	18.94	dollars		0.96	Learning Curve		0.99 RSOP			
								0.88934 [SYS 061400] .88934200 - Svstem		
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	88.34	Hours
Factors	104.52	hours		0.96	Learning Curve		0.99 RSOP			
								0.88934 [SYS 061400] .88934200 - Svstem		
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	26.130.30	Dollars
Factors	30915	dollars		0.96	Learning Curve		0.99 RSOP			
								0.88934 [SYS 061400] .88934200 - Svstem		
	A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	522.61	Dollars
Factors	618.3	dollars		0.96	Learning Curve		0.99 RSOP			
								0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE											
Resources	Cost Element				Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY			0000	NONE	ZDEPT	No Department	Linear	2,210.83	Dollars
	Factors 2210.83 Dollars										
	ESC	ESCALATION			0000	NONE	ZDEPT	No Department	Linear	4,435.13	Dollars
	Factors 4435.13 Dollars										

WBS No: 1EED0115 Title: 883 Cluster Decommissioning Support Serv
Activity ID: 1EED1061 Description: 890 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	0.55	msf	HC	23	13	361	1,764	0	2,125	102	2,227
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	380	380	0	380
Total for Activity 1EED1061:						13	361	1,764	380	2,505	102	2,607

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the</p>											
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WBS No: 1EED0115
Activity ID: 1EED1061

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Baseline Cost and Basis of Estimate

Project Baseline Devl
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Activity Filter *

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historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00
Total Unit Cost: \$5,000.02

Adjusted Unit Cost:

Labor Hours: 26.23183; Subcontracts: \$3,484.80; Supplies: \$130.68
Total Unit Cost: \$4,356.01
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.40	Hours
Factors	19.88	hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem									
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.93	Hours
Factors	10.23	hours	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem									
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	116.22	Dollars
Factors	150	Dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem									
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	3.099.18	Dollars
Factors	4000	Dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	164.45	Dollars
Factors	164.446	Dollars							
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	215.99	Dollars
Factors	215.993	Dollars							

Activity ID: 1EED1062

Description: 890 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	0.55	msf	HC	160	88	1.903	7.051	0	8.954	537	9.491
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.355	1.355	0	1.355
Total for Activity 1EED1062:						88	1.903	7.051	1.355	10.310	537	10.846

Line Item 1CHR - Type1 Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63
Total Unit Cost: \$2,150.12

WBS No: 1EED0115
Activity ID: 1EED1062

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

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Adjusted Unit Cost:
Labor Hours: 18.35619; Subcontracts: \$1,404.81; Supplies: \$70.24
Total Unit Cost: \$1,873.18
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	11.16	Hours
Factors	1.47 Hours	0.88	Learning Curve	0.99	RSOP	9.8 B890 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svsstem		
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	148.82	Hours
Factors	19.6 hours	0.88	Learning Curve	0.99	RSOP	9.8 B890 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svsstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	612.22	Dollars
Factors	80.63 dollars	0.88	Learning Curve	0.99	RSOP	9.8 B890 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svsstem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	12.243.69	Dollars
Factors	1612.5 dollars	0.88	Learning Curve	0.99	RSOP	9.8 B890 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svsstem		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	443.90	Dollars
Factors	443.904 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	911.29	Dollars
Factors	911.290 Dollars							

Activity ID: 1EED1063

Description: 890 Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	1.15	msf	HC	60	68	1,452	15,338	0	16,790	409	17,199
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,515	2,515	0	2,515
Total for Activity 1EED1063:						68	1,452	15,338	2,515	19,304	409	19,714

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 76.93; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:

Labor Hours: 67.02142; Subcontracts: \$14,779.91; Supplies: \$246.33
Total Unit Cost: \$16,448.59
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0115
Activity ID: 1EED1063

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

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WBS Filter 1EED
Activity Filter *

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750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	57.43	Hours
Factors	74.12	hours	0.88	Learning Curve	0.99	RSOP		
						0.88934	ISYS 0614001.88934200 - Svstem	
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.18	Hours
Factors	2.81	hours	0.88	Learning Curve	0.99	RSOP		
						0.88934	ISYS 0614001.88934200 - Svstem	
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13,144.39	Dollars
Factors	16965	dollars	0.88	Learning Curve	0.99	RSOP		
						0.88934	ISYS 0614001.88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	219.07	Dollars
Factors	282.75	dollars	0.88	Learning Curve	0.99	RSOP		
						0.88934	ISYS 0614001.88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	863.09	Dollars
Factors	863.094 Dollars								
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1,651.42	Dollars
Factors	1651.42 Dollars								

Activity ID: 1EED1064 Description: 890 Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECNoAsb	Type1 Bldg w/o Asbestos Decontamination	1.15	msf	HC	9	10	220	2,319	0	2,539	63	2,602
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	522	522	0	522
Total for Activity 1EED1064:						10	220	2,319	522	3,061	63	3,124

Line Item 1DECNoAsb - Type1 Bldg w/o Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 11.63; Subcontracts: \$2,565.00; Supplies: \$42.75
Total Unit Cost: \$2,854.73

Adjusted Unit Cost:
Labor Hours: 10.13206; Subcontracts: \$2,234.63; Supplies: \$37.24
Total Unit Cost: \$2,487.04
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	0.33	Hours
Factors	0.42	hours		0.88	Learning Curve		0.99	RSOP		
									0.88934	[SYS 0614001.88934200 - Svstem
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	8.69	Hours
Factors	11.21	hours		0.88	Learning Curve		0.99	RSOP		
									0.88934	[SYS 0614001.88934200 - Svstem
A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	1,987.35	Dollars
Factors	2565	dollars		0.88	Learning Curve		0.99	RSOP		
									0.88934	[SYS 0614001.88934200 - Svstem

WBS No: 1EED0115
Activity ID: 1EED1064

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.12	Dollars
Factors	42.75	dollars	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	257.89	Dollars
Factors	257.894 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	264.01	Dollars
Factors	264.013 Dollars							

Activity ID: 1EED1065 Description: 890 Decommissioning Final Surveys

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	1.36	msf	HC	0	0	0	4.482	0	4.482	0	4.482
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.397	2.397	0	2.397
Total for Activity 1EED1065:						0	0	4.482	2.397	6.879	0	6.879

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00
Total Unit Cost: \$4,250.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$3,702.60; Supplies: \$0.00
Total Unit Cost: \$3,702.60
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	3.292.88	Dollars
Factors	4250	dollars	0.88	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.703.07	Dollars
Factors	1703.07 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	694.27	Dollars
Factors	694.270 Dollars							

Activity ID: 1EED1066 Description: 890 Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	1.36	msf	HC	0	0	0	16.766	0	16.766	0	16.766
1DEMSlabBlk	Type 1 Bldg Demolition Slab/Foundation	0.44	msf	HC	0	0	0	5.694	0	5.694	0	5.694
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12.391	12.391	0	12.391
Total for Activity 1EED1066:						0	0	22.460	12.391	34.851	0	34.851

WBS No: 1EED0115
Activity ID: 1EED1066

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00 Total Unit Cost: \$15,900.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$13,852.08; Supplies: \$0.00 Total Unit Cost: \$13,852.08 Adjustment Factor: 0.8712 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	12.319.24	Dollars		
Factors	15900 dollars		0.88	Learning Curve	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item 1DEMSlabBlk - Type 1 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.028.86	Dollars		
Factors	14650 dollars									
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element		Skill		Department		Curve	Quantity	Units	
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	8.911.11	Dollars	
Factors	8911.11 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units	
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.479.42	Dollars	
Factors	3479.42 Dollars									

WBS No: 1EED0117 Title: 881 Cluster Tank Decommissioning
Activity ID: 1ETNK00200 Description: Tank TK002 Decommissioning

Cost Risk 4 Schedule Risk 4

WBS No: 1EED0117
Activity ID: 1ETNK00200

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETNK00200:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.</p> <p>Item Desc - Decommissioning Tank Breakdown of Historical Data: Item - Removal of Tank Units - 1lot Unit Cost - \$8,051 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	7.40327	Dollars
Factors	8050.71	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1ETNK01300 Description: Tank TK013 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETNK01300:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.</p> <p>Item Desc - Decommissioning Tank Breakdown of Historical Data: Item - Removal of Tank Units - 1lot Unit Cost - \$4,200 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	3.86189	Dollars
Factors	4199.63	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1ETNK01400 Description: Tank TK014 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	824	824	0	824
Tank	Tank Decommissioning	6.33924	ea	HC	0	0	0	5.638	0	5.638	0	5.638
Total for Activity 1ETNK01400:						0	0	5.638	824	6.462	0	6.462

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0117
Activity ID: 1ETNK01400

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	282.91Dollars
Factors		282.912 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	541.32Dollars
Factors		541.316 Dollars					

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89Dollars
Factors		1 \$					

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1ETNK01500

Description: Tank TK015 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	805	805	0	805
Tank	Tank Decommissioning	6.188.10	ea	HC	0	0	0	5.503	0	5.503	0	5.503
Total for Activity 1ETNK01500:						0	0	5.503	805	6.308	0	6.308

Line Item SYS - Contingency And Escalation

BOE							
Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	276.17Dollars
Factors		276.167 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	528.41Dollars
Factors		528.410 Dollars					

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost:						
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WBS No: 1EED0117
Activity ID: 1ETNK01500

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
	Factors 1 \$								

Activity ID: 1ETNK02900 Description: Tank TK029 Decommissioning Cost Risk 4 Schedule Risk 4 0.88934 [SYS 061400] .88934200 - Svstem

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETNK02900:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Tank Breakdown of Historical Data: Item - Removal of Tank Units - 1lot Unit Cost - \$3,683 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	3.387.10	Dollars
	Factors 3683.31 Dollars		1.034 -- FY00 Escalation --						

Activity ID: 1ETNK06600 Description: Tank TK066 Decommissioning Cost Risk 4 Schedule Risk 4 0.88934 [SYS 061400] .88934200 - Svstem

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.950	3.950	0	3.950
Tank	Tank Decommissioning	8.050.71	ea	HC	0	0	0	7.160	0	7.160	0	7.160
Total for Activity 1ETNK06600:						0	0	7.160	3.950	11.110	0	11.110

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	2,840.69	Dollars
	Factors 2840.69 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1,109.17	Dollars
	Factors 1109.17 Dollars									

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS											
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WBS No: 1EED0117
Activity ID: 1ETNK06600

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89 Dollars
Factors	1	\$					

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED03 Title: 883 Cluster Decommissioning

Activity ID: 1EED0110 Description: 883 Cluster Decommissioning Project Management

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E883EGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E883TGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
2PMG-1E8790GP	Type2 Bldg Project Management	3.64	msf	HC	111	404	12.361	63.016	0	75.377	19.451	94.828
2PMG-1E8830GP	Type2 Bldg Project Management	10.38	msf	HC	111	1.152	35.255	179.732	0	214.987	55.479	270.466
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	210.227	210.227	0	210.227
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	1.96	msf	HC	16	32	1.001	5.100	0	6.101	1.574	7.675
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	1.96	msf	HC	16	32	1.001	5.100	0	6.101	1.574	7.675
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	1.96	msf	HC	16	32	1.001	5.100	0	6.101	1.574	7.675
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	0.20	msf	HC	16	3	102	520	0	623	161	783
Total for Activity 1EED0110:						1.654	50.720	258.569	210.227	519.516	79.814	599.330

Line Item 100-1E883EGPMG - Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Project Management

Breakdown of Historical Data:

Item - Project Management

Units - 1msf

Unit Cost - 310.01 hrs, \$33,375 subcontracts, \$2,002.50 supplies

Unit Cost Adjustment factor - N/A

Revised Unit Cost - N/A

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	170.63 Hours
Factors	191.86	Hours					

0.88934 [SYS 061400] .88934200 - System

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	31.95 Hours
Factors	35.92	Hours					

0.88934 [SYS 061400] .88934200 - System

750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	48.75 Hours
Factors	54.82	Hours					

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED03
Activity ID: 1EED0110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	24.38	Hours
Factors	27.41	Hours						
0.88934 [SYS 061400] .88934200 - System								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.807.62	Dollars
Factors	2002.5	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - System								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	30.359.42	Dollars
Factors	33375	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - System								

Line Item 100-1E883TGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.							
	Item Desc - Decommissioning Project Management							
	Breakdown of Historical Data:							
	Item - Project Management							
	Units - lmsf							
	Unit Cost - 64.21 hrs, \$8,400 subcontracts, \$315 supplies							
	Unit Cost Adjustment factor - N/A							
	Revised Unit Cost - N/A							
	Basis for adjustment - N/A							
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	29.04	Hours
Factors	32.65	Hours									
									0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	15.63	Hours
Factors	17.57	Hours									
									0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	8.30	Hours
Factors	9.33	Hours									
									0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		M030	MANAGEMENT INTEGRATORS (GR		R100S	RMRS Salaried	Linear	4.14	Hours
Factors	4.66	Hours									
									0.88934	[SYS 061400] .88934200 - Svstem	
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	284.34	Dollars
Factors	315	Dollars		1.015 -- FY00 Escalation --							
									0.88934	[SYS 061400] .88934200 - Svstem	
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	7.641.02	Dollars
Factors	8400	Dollars		1.02283 -- FY00 Escalation --							
									0.88934	[SYS 061400] .88934200 - Svstem	

Line Item 2PMG-1E8790GPMG - Type2 Bldg Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.							
	Historical Unit Cost Data:							
	Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00							
	Total Unit Cost: \$27,999.58							

WBS No: 1EED03
Activity ID: 1EED0110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Adjusted Unit Cost:
Labor Hours: 124.7483; Subcontracts: \$18,627.84; Supplies: \$838.25
Total Unit Cost: \$23,284.45
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	54.80	Hours
Factors	74.09 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	16.36	Hours
Factors	22.12 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	33.95	Hours
Factors	45.9 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.84	Hours
Factors	7.9 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	745.49	Dollars
Factors	1008 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	16.566.52	Dollars
Factors	22400 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item 2PMG-1E8830GPMG - Type2 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00
Total Unit Cost: \$27,999.59

Adjusted Unit Cost:

Labor Hours: 124.7483; Subcontracts: \$18,627.84; Supplies: \$838.25
Total Unit Cost: \$23,284.46
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	54.80	Hours
Factors	74.09 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	16.36	Hours
Factors	22.12 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	33.95	Hours
Factors	45.9 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

WBS No: 1EED03
Activity ID: 1EED0110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.84	Hours
Factors	7.9 hours	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	745.49	Dollars
Factors	1008 dollars	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	16,566.52	Dollars
Factors	22400 dollars	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001	.88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	149,948.70	Dollars
	Factors 149949 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	60,278.16	Dollars
	Factors 60278.2 Dollars								

Line Item TrlrPMGPre89-1E883AG - Pre-1989 Trailer Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03

Adjusted Unit Cost:
Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	8.50	Hours
Factors	9.56	hours	0.88934 ISYS 0614001 .88934200 - Svstem						
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.54	Hours
Factors	1.73	hours	0.88934 ISYS 0614001 .88934200 - Svstem						
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	5.27	Hours
Factors	5.93	hours	0.88934 ISYS 0614001 .88934200 - Svstem						
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.91	Hours
Factors	1.02	hours	0.88934 ISYS 0614001 .88934200 - Svstem						
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	112.06	Dollars
Factors	126	dollars	0.88934 ISYS 0614001 .88934200 - Svstem						
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,490.16	Dollars
Factors	2800	dollars	0.88934 ISYS 0614001 .88934200 - Svstem						

WBS No: 1EED03
Activity ID: 1EED0110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item TrlrPMGPre89-1E883BG - Pre-1989 Trailer Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.					
	Historical Unit Cost Data: Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00 Total Unit Cost: \$3,500.03 Adjusted Unit Cost: Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00 Total Unit Cost: \$3,500.03 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	8.50	Hours
Factors 9.56 hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.54	Hours
Factors 1.73 hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	5.27	Hours
Factors 5.93 hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.91	Hours
Factors 1.02 hours		0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	112.06	Dollars
Factors 126 dollars		0.88934 [SYS 061400] .88934200 - Svstem						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,490.16	Dollars
Factors 2800 dollars		0.88934 [SYS 061400] .88934200 - Svstem						

Line Item TrlrPMGPre89-1E883CG - Pre-1989 Trailer Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.					
	Historical Unit Cost Data: Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00 Total Unit Cost: \$3,500.03 Adjusted Unit Cost: Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00 Total Unit Cost: \$3,500.03 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

WBS No: 1EED03
Activity ID: 1EED0110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	8.50	Hours
Factors	9.56 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	1.54	Hours
Factors	1.73 hours					
750	STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	5.27	Hours
Factors	5.93 hours					
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.91	Hours
Factors	1.02 hours					
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	112.06	Dollars
Factors	126 dollars					
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	2,490.16	Dollars
Factors	2800 dollars					
0.88934 [SYS 061400] .88934200 - System						

Line Item TrlrPMGPre89-1E883DG - Pre-1989 Trailer Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00 Total Unit Cost: \$3,500.03</p> <p>Adjusted Unit Cost: Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00 Total Unit Cost: \$3,500.03 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>					
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	8.50	Hours
Factors	9.56 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	1.54	Hours
Factors	1.73 hours					
750	STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	5.27	Hours
Factors	5.93 hours					
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.91	Hours
Factors	1.02 hours					
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	112.06	Dollars
Factors	126 dollars					
0.88934 [SYS 061400] .88934200 - System						

WBS No: 1EED03
Activity ID: 1EED0110

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,490.16	Dollars
Factors	2800	dollars						

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1EED0115 Description: 883 Cluster Decommissioning Support Services

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E883SHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E883THSUS	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
2SUS-1E8790HS	Type2 Bldg Support Services	3.64	msf	HC	210	765	14,497	57,785	0	72,283	20,222	92,504
2SUS-1E8830HS	Type2 Bldg Support Services	11.58	msf	HC	210	2,434	46,135	183,886	0	230,021	64,350	294,371
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	225.881	225.881	0	225.881
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	1.96	msf	HC	32	63	1,608	6,236	0	7,844	2,215	10,058
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	1.96	msf	HC	32	63	1,608	6,236	0	7,844	2,215	10,058
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	1.96	msf	HC	32	63	1,608	6,236	0	7,844	2,215	10,058
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	0.20	msf	HC	32	6	164	636	0	800	226	1,026
Total for Activity 1EED0115:						3,395	65,619	261,016	225.881	552,515	91,442	643,957

Line Item 100-1E883SHSUS - Support Services

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
	Item Desc - Decommissioning Support Services
	Breakdown of Historical Data:
	Item - Support Services
	Units - 1msf
	Unit Cost - 303.29 hrs, \$24,000 subcontracts, \$1,440 supplies
	Unit Cost Adjustment factor - N/A
	Revised Unit Cost - N/A
	Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	3.43	Hours
Factors	3.86	Hours	0.88934 [SYS 061400] .88934200 - Ssystem						
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	25.72	Hours
Factors	28.92	Hours	0.88934 [SYS 061400] .88934200 - Ssystem						
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	5.14	Hours
Factors	5.78	Hours	0.88934 [SYS 061400] .88934200 - Ssystem						
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	200.12	Hours
Factors	225.02	Hours	0.88934 [SYS 061400] .88934200 - Ssystem						
	750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	35.32	Hours
Factors	39.71	Hours	0.88934 [SYS 061400] .88934200 - Ssystem						
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1,299.86	Dollars
Factors	1440	Dollars	1.015 -- FY00 Escalation --						
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	21,831.50	Dollars
Factors	24000	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item 100-1E883THSUS - Support Services

BOE	
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WBS No: 1EED03
Activity ID: 1EED0115

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 103.53 hrs, \$5,250 subcontracts, \$262.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.44	Hours
Factors 0.49 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.65	Hours
Factors 0.73 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	32.40	Hours
Factors 36.43 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	49.80	Hours
Factors 56 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	8.79	Hours
Factors 9.88 Hours								
						0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	237.41	Dollars
Factors 263 Dollars 1.015 -- FY00 Escalation --								
						0.88934 [SYS 061400] .88934200 - Svstem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.775.64	Dollars
Factors 5250 Dollars 1.02283 -- FY00 Escalation --								
						0.88934 [SYS 061400] .88934200 - Svstem		

Line Item 2SUS-1E8790HSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00
Total Unit Cost: \$26,850.28

Adjusted Unit Cost:
Labor Hours: 236.3158; Subcontracts: \$16,839.90; Supplies: \$1,010.39
Total Unit Cost: \$22,328.69
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED03
Activity ID: 1EED0115

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	2.11	Hours
Factors	2.85 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.15	Hours
Factors	21.84 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	171.77	Hours
Factors	232.26 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	20.13	Hours
Factors	27.22 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	898.59	Dollars
Factors	1215 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14.976.43	Dollars
Factors	20250 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 2SUS-1E8830HSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00
Total Unit Cost: \$26,850.28

Adjusted Unit Cost:
Labor Hours: 236.3158; Subcontracts: \$16,839.90; Supplies: \$1,010.39
Total Unit Cost: \$22,328.69
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	2.11	Hours
Factors	2.85 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.15	Hours
Factors	21.84 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	171.77	Hours
Factors	232.26 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	20.13	Hours
Factors	27.22 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	898.59	Dollars
Factors	1215 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED03
Activity ID: 1EED0115

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14.976.43	Dollars
Factors	20250 dollars	0.84	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	161.114.10	Dollars
Factors 161114 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	64.766.55	Dollars

Factors 64766.6 Dollars

Line Item TrlrSUSPre89-1E883AH - Pre-1989 Trailer Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77

Adjusted Unit Cost:

Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.50	Hours

Factors 1.69 hours

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	13.81	Hours
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Factors 15.53 hours

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.11	Hours
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Factors 16.99 hours

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.77	Hours
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Factors 1.99 hours

0.88934 [SYS 061400] .88934200 - Svsstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	180.09	Dollars
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Factors 202.5 dollars

0.88934 [SYS 061400] .88934200 - Svsstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.001.53	Dollars
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Factors 3375 dollars

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item TrlrSUSPre89-1E883BH - Pre-1989 Trailer Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit

WBS No: 1EED03
Activity ID: 1EED0115

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77

Adjusted Unit Cost:

Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.50	Hours
Factors	1.69	hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	13.81	Hours	
Factors	15.53	hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.11	Hours	
Factors	16.99	hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.77	Hours	
Factors	1.99	hours	0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	180.09	Dollars	
Factors	202.5	dollars	0.88934 [SYS 061400] .88934200 - Svstem						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,001.53	Dollars	
Factors	3375	dollars	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item TrlrSUSPre89-1E883CH - Pre-1989 Trailer Support Services

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50 Total Unit Cost: \$4,499.77 Adjusted Unit Cost: Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50 Total Unit Cost: \$4,499.77 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.50	Hours
Factors 1.69 hours									
0.88934 [SYS 061400] .88934200 - Svstem									

WBS No: 1EED03
Activity ID: 1EED0115

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	13.81	Hours
Factors	15.53	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.11	Hours
Factors	16.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.77	Hours
Factors	1.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	180.09	Dollars
Factors	202.5	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,001.53	Dollars
Factors	3375	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item TrlrSUSPre89-1E883DH - Pre-1989 Trailer Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77

Adjusted Unit Cost:
Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.50	Hours
Factors	1.69	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	13.81	Hours
Factors	15.53	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.11	Hours
Factors	16.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.77	Hours
Factors	1.99	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	180.09	Dollars
Factors	202.5	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,001.53	Dollars
Factors	3375	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED0301 Title: B-883 Decommissioning
Activity ID: 1E883EGPMG Description: Building 883CA Decommissioning Project Management

Cost Risk 1 Schedule Risk 2

WBS No: 1EED0301
Activity ID: 1E883EGPMG

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E883EGPMG:						0	0	0	0	0	0	0

Line Item 100 - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Project Management											
	Breakdown of Historical Data:											
	Item - Project Management											
	Units - 1msf											
	Unit Cost - 310.01 hrs, \$33,375 subcontracts, \$2,002.50 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources

Cost Element			Skill			Department			Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried				Linear	170.63	Hours
Factors 191.86 Hours											
0.88934 ISYS 0614001.88934200 - Ssystem											
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried				Linear	31.95	Hours
Factors 35.92 Hours											
0.88934 ISYS 0614001.88934200 - Ssystem											
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried				Linear	48.75	Hours
Factors 54.82 Hours											
0.88934 ISYS 0614001.88934200 - Ssystem											
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried				Linear	24.38	Hours
Factors 27.41 Hours											
0.88934 ISYS 0614001.88934200 - Ssystem											
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried				Linear	1.807.62	Dollars
Factors 2002.5 Dollars 1.015 -- FY00 Escalation --											
0.88934 ISYS 0614001.88934200 - Ssystem											
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried				Linear	30.359.42	Dollars
Factors 33375 Dollars 1.02283 -- FY00 Escalation --											

Activity ID: 1E883TAPEN

Description: B883 CT Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning and Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E883TAPEN:						0	0	0	0	0	0	0

Line Item 100 - Planning and Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Planning & Engineering											
	Breakdown of Historical Data:											
	Item - Planning & Engineering											
	Units - 1msf											
	Unit Cost - 30.57 hrs, \$4,000 subcontracts, \$150 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											

WBS No: 1EED0301
Activity ID: 1E883TAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	19.75
Factors	22.21	Hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	7.44	Hours
Factors	8.37	Hours		0.88934 [SYS 061400] .88934200 - System						
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	135.40	Dollars
Factors	150	Dollars		1.015	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	3.638.58	Dollars
Factors	4000	Dollars		1.02283	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			

Activity ID: 1E883TBCHR Description: B883 CT Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E883TBCHR:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Characterization Breakdown of Historical Data: Item - Characterization Units - 1msf Unit Cost - 103.08 hrs, \$5,950 subcontracts, \$382.50 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.22	Hours
Factors	2.5	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	30.13	Hours	
Factors	33.88	Hours	0.88934 [SYS 061400] .88934200 - System						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	121.86	Dollars	
Factors	135	Dollars	1.015	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.910.26	Dollars	
Factors	2100	Dollars	1.02283	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			

Activity ID: 1E883TCSPP Description: B883 CT Decommissioning Final surveys

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	SITE PREPARATION	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E883TCSPP:						0	0	0	0	0	0	0

WBS No: 1EED0301
Activity ID: 1E883TCSPR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 100 - SITE PREPARATION

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Site Preparation											
	Breakdown of Historical Data:											
	Item - Site Preparation											
	Units - lmsf											
Resources	Unit Cost -\$3,000 subcontracts											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	2.758.74	Dollars
Factors	3000	Dollars	1.034	-- FY00 Escalation --					

Activity ID: 1E883TDDEC		Description: B883 CT Decommissioning Decontamination		Cost Risk 4		Schedule Risk 4		0.88934 [SYS 061400] .88934200 - System				
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	lmsf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E883TDDEC:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Decontamination											
	Breakdown of Historical Data:											
	Item - Decontamination											
	Units - lmsf											
Resources	Unit Cost - 63.53 hrs, \$13,950 subcontracts, \$232.50 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.29Hours
Factors	2.58	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	54.21Hours
Factors	60.95	Hours	0.88934 [SYS 061400] .88934200 - System						
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	209.87Dollars
Factors	232.5	Dollars	1.015	-- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System			
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	12.689.56Dollars
Factors	13950	Dollars	1.02283	-- FY00 Escalation --					

Activity ID: 1E883TEDIS		Description: B883 CT Decommissioning Dismantlement		Cost Risk 4		Schedule Risk 4		0.88934 [SYS 061400] .88934200 - System				
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	lmsf	HC	#Num!	0	0	0	0	0	0	0

WBS No: 1EED0301
Activity ID: 1E883TEDIS

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total for Activity 1E883TEDIS:

0	0	0	0	0	0
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Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Dismantlement Breakdown of Historical Data: Item - Dismantlement Units - 1msf Unit Cost -\$15,000 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	13.793.70	Dollars
Factors	15000	Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1E883TFDEM Description: B883 CT Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition and Disposal (Reinforced Concrete)	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation/Slab Removal	452.00	sf	HC	0	0	0	8.417	0	8.417	0	8.417
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.643	4.643	0	4.643
Total for Activity 1E883TFDEM:						0	0	8.417	4.643	13.060	0	13.060

Line Item 100 - Demolition and Disposal (Reinforced Concrete)

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Demolition & Disposal Breakdown of Historical Data: Item - Demolition & Disposal Units - 1msf Unit Cost - \$5,000 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	4.597.90	Dollars
Factors	5000	Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item 500 - Foundation/Slab Removal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Removal of Foundation/Slab Breakdown of Historical Data: Item - Removal of Foundation/Slab Units - 1sf Unit Cost - \$20.25 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A
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WBS No: 1EED0301
Activity ID: 1E883TFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.62	Dollars
Factors	20.25	dollars	1.034	-- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.339.44	Dollars
Factors	3339.44	Dollars							
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.303.91	Dollars
Factors	1303.91	Dollars							

Activity ID: 1EED3011 Description: B883 Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	10.38	msf	HC	47	489	13.222	67.400	0	80.621	3.728	84.350
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	12.044	12.044	0	12.044
Total for Activity 1EED3011:						489	13.222	67.400	12.044	92.665	3.728	96.394

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00 Total Unit Cost: \$10,499.96 Adjusted Unit Cost: Labor Hours: 52.94798; Subcontracts: \$6,985.44; Supplies: \$314.34 Total Unit Cost: \$8,731.77 Adjustment Factor: 0.8316 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	27.92	Hours
Factors	37.75	hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.17	Hours
Factors	25.92	hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	279.56	Dollars
Factors	378	dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.212.44	Dollars
Factors	8400	dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item SYS - Contingency And Escalation

BOE												
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WBS No: 1EED0301
Activity ID: 1EED3011

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3,945.12	Dollars
Factors 3945.12 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	8,098.94	Dollars
Factors 8098.94 Dollars									

Activity ID: 1EED3012 Description: B883 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	3.27	msf	HC	273	893	19,359	71,723	0	91,081	5,459	96,541
2CHR	Type2 Bldg Characterization	10.38	msf	HC	191	1,987	43,633	133,735	0	177,368	12,305	189,673
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	40,868	40,868	0	40,868
Total for Activity 1EED3012:						2,879	62,992	205,458	40,868	309,317	17,764	327,081

Line Item 1CHR - Type1 Bldg Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63 Total Unit Cost: \$2,150.12</p> <p>Adjusted Unit Cost: Labor Hours: 20.8593; Subcontracts: \$1,596.38; Supplies: \$79.82 Total Unit Cost: \$2,128.62 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	19.03	Hours
Factors 1.47 Hours 0.99 RSOP 14.7 B883 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	253.67	Hours
Factors 19.6 hours 0.99 RSOP 14.7 B883 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1,043.56	Dollars
Factors 80.63 dollars 0.99 RSOP 14.7 B883 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	20,869.93	Dollars
Factors 1612.5 dollars 0.99 RSOP 14.7 B883 Type 1 Char Adi 0.88934 [SYS 061400] .88934200 - Svstem									

Line Item 2CHR - Type2 Bldg Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 94.09999; Subcontracts: \$5,880.00; Supplies: \$453.60</p>											
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WBS No: 1EED0301
Activity ID: 1EED3012

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$8,400.05	
Adjusted Unit Cost:	
Labor Hours: 78.25356; Subcontracts: \$4,889.81; Supplies: \$377.21	
Total Unit Cost: \$6,985.48	
Adjustment Factor: 0.8316	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	17.21 Hours
Factors	8.46 hours	0.84	Learning Curve	0.99	RSOP	2.75 B883 Type 2 Char Adi	
						0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	174.18 Hours
Factors	85.64 hours	0.84	Learning Curve	0.99	RSOP	2.75 B883 Type 2 Char Adi	
						0.88934 [SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	922.55 Dollars
Factors	453.6 dollars	0.84	Learning Curve	0.99	RSOP	2.75 B883 Type 2 Char Adi	
						0.88934 [SYS 061400] .88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	11.958.96 Dollars
Factors	5880 dollars	0.84	Learning Curve	0.99	RSOP	2.75 B883 Type 2 Char Adi	
						0.88934 [SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	13.386.50 Dollars
Factors	13386.5 Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	27.481.14 Dollars
Factors	27481.1 Dollars						

Activity ID: 1EED3013 Description: B883 Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	11.97	msf	HC	199	2.380	51.796	579.859	0	631.655	18.025	649.680
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	358.408	358.408	0	358.408
Total for Activity 1EED3013:						2.380	51.796	579.859	358.408	990.063	18.025	1.008.088

Line Item 2DIS - Type2 Bldg Dismantlement

BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.										
		Historical Unit Cost Data:										
		Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30										
		Total Unit Cost: \$71,350.00										
		Adjusted Unit Cost:										
		Labor Hours: 223.6089; Subcontracts: \$53,401.20; Supplies: \$1,068.02										
		Total Unit Cost: \$59,334.66										
		Adjustment Factor: 0.8316										
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0301
Activity ID: 1EED3013

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	183.69	Hours
Factors	248.37	hours	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.18	Hours
Factors	20.52	hours	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem								
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	47.491.92	Dollars
Factors	64215	dollars	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	949.84	Dollars
Factors	1284.3	dollars	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	257.762.50	Dollars
Factors	257763	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	100.645.40	Dollars
Factors	100645	Dollars			

Activity ID: 1EED3014 Description: B883 Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb	Type2 Bldg w/Asbestos Decontamination	11.97	msf	HC	91	1.093	24.936	279.161	0	304.098	8.678	312.775
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	172.548	172.548	0	172.548
Total for Activity 1EED3014:						1.093	24.936	279.161	172.548	476.646	8.678	485.324

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.03

Adjusted Unit Cost:
Labor Hours: 102.6693; Subcontracts: \$25,708.91; Supplies: \$514.18
Total Unit Cost: \$28,565.48
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	14.01	Hours
Factors	18.94	dollars		0.84	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem										
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	77.30	Hours
Factors	104.52	hours		0.84	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem										
A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	22.864.02	Dollars
Factors	30915	dollars		0.84	Learning Curve		0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svsstem										

WBS No: 1EED0301
Activity ID: 1EED3014

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	457.28	Dollars
Factors	618.3	dollars	0.84	Learning Curve	0.99	RSOP		

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	124.094.60	Dollars

Factors 124095 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	48.453.74	Dollars
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Factors 48453.7 Dollars

Activity ID: 1EED3015 Description: B883 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	12.37	msf	HC	0	0	0	153.238	0	153.238	0	153.238
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	82.792	82.792	0	82.792
Total for Activity 1EED3015:						0	0	153.238	82.792	236.031	0	236.031

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$13,929.30; Supplies: \$0.00
Total Unit Cost: \$13,929.30
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	12.387.91	Dollars

Factors 16750 dollars

0.84 Learning Curve

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	59.053.45	Dollars

Factors 59053.5 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	23.739.01	Dollars
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Factors 23739.0 Dollars

Activity ID: 1EED3016 Description: B883 Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBIk	Type 2 Masonrv Bldg Demolition	12.37	msf	HC	0	0	0	154.153	0	154.153	0	154.153
2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	9.94	msf	HC	0	0	0	178.957	0	178.957	0	178.957
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	183.767	183.767	0	183.767
Total for Activity 1EED3016:						0	0	333.111	183.767	516.877	0	516.877

WBS No: 1EED0301
Activity ID: 1EED3016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 2DEMB1k - Type 2 Masonry Bldg Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00 Total Unit Cost: \$16,850.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,012.46; Supplies: \$0.00 Total Unit Cost: \$14,012.46 Adjustment Factor: 0.8316 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	12.461.87	Dollars
Factors 16850 dollars 0.84 Learning Curve 0.99 RSOP 0.88934 [SYS 061400] .88934200 - Svstem									

Line Item 2DEMB1kSlab - Type 2 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors 20250 dollars 0.88934 [SYS 061400] .88934200 - Svstem									

Line Item SYS - Contingency And Escalation

BOE									
Resources									
	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	132.162.70	Dollars
	Factors 132163 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	51.603.97	Dollars
	Factors 51604 Dollars								

Activity ID: 1EED3021 Description: B883 CA Decommissioning Planning & Engineeri

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1EED0301
Activity ID: 1EED3021

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED3021:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Planning & Engineering											
	Breakdown of Historical Data:											
	Item - Planning & Engineering											
	Units - 1msf											
	Unit Cost - 113.15 hrs, \$11,250 subcontracts, \$675 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	66.99 Hours
Factors	75.32	Hours					
		750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried
Factors	37.83	Hours					
		A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried
Factors	675	Dollars	1.015	-- FY00 Escalation --			
		A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried
Factors	11250	Dollars	1.02283	-- FY00 Escalation --			

Activity ID: 1EED3022 Description: B883 CA Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED3022:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Characterization											
	Breakdown of Historical Data:											
	Item - Characterization											
	Units - 1msf											
	Unit Cost - 538.35 hrs, \$26,000 subcontracts, \$2,520 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources												
	Cost Element			Skill		Department		Curve	Quantity	Units		
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried		Linear	46.68	Hours
	Factors		52.49	Hours								
0.88934 [SYS 061400] 88934200 - System												

WBS No: 1EED0301
Activity ID: 1EED3022

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	432.10	Hours
Factors	485.87	Hours						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	2.274.76	Dollars
Factors	2520	Dollars	1.015	-- FY00 Escalation --				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	23.650.79	Dollars
Factors	26000	Dollars	1.02283	-- FY00 Escalation --				
						0.88934	[SYS 061400] .88934200 - Svstem	

Activity ID: 1EED3023 Description: B883 CA Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Site Preparation	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED3023:						0	0	0	0	0	0	0

Line Item 100 - Site Preparation

BOE
Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Site Preparation
Breakdown of Historical Data:
Item - Site Preparation
Units - lmsf
Unit Cost -\$9,500 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	8,641.63	Dollars
	Factors	9500 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED3024 Description: B883 CA Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED3024:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE
Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Decontamination (Pre-1980 Facility)
Breakdown of Historical Data:
Item - Decontamination
Units - lmsf
Unit Cost - 454.23 hrs, \$48,800 subcontracts, \$2,196 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0301
Activity ID: 1EED3024

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	66.83	Hours
Factors	75.14	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	337.14	Hours
Factors	379.09	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	44.875	Dollars
Factors	48800	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.982	Dollars
Factors	2196	Dollars	1.015	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED3025 Description: B883 CA Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Dismantlement	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED3025:						0	0	0	0	0	0	0

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Dismantlement											
	Breakdown of Historical Data:											
	Item - Dismantlement											
	Units - lmsf											
	Unit Cost - 236.22 hrs, \$54,900 subcontracts, \$1,098 supplies											
	Unit Cost Adjustment factor - N/A											
	Revised Unit Cost - N/A											
	Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	83.46	Hours
Factors	93.84	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	922.19	Hours
Factors	1036.94	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	40.277	Dollars
Factors	43800	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	4.744	Dollars
Factors	5256	Dollars	1.015	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED3026 Description: B883 CA Decommissioning Demolition & Disposa

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation & Slab Removal	38.67	msf	HC	0	0	0	720.000	0	720.000	0	720.000
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	397.201	397.201	0	397.201
Total for Activity 1EED3026:						0	0	720.000	397.201	1.117.201	0	1.117.201

Line Item 100 - Demolition & Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of											
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WBS No: 1EED0301
Activity ID: 1EED3026

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Demolition & Disposal (Masonry Facility)
Breakdown of Historical Data:
Item - Demolition & Disposal
Units - 1msf
Unit Cost - \$15,500 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	14.253.48	Dollars
Factors		15500 Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - System

Line Item 500 - Foundation & Slab Removal

BOE Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Removal of Foundation and Slab
Breakdown of Historical Data:
Item - Removal of Foundation and Slab
Units - 1msf
Unit Cost - \$20,250 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	18.621.49	Dollars
Factors		20250 Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	285.662.30	Dollars

Factors 285662 Dollars

ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	111.539.10	Dollars
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Factors 111539 Dollars

WBS No: 1EED0303 Title: B-879 Decommissioning

Activity ID: 1EED3031 Description: B879 Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	3.64	msf	HC	47	171	4.636	23.631	0	28.267	1.307	29.574
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.223	4.223	0	4.223
Total for Activity 1EED3031:						171	4.636	23.631	4.223	32.489	1.307	33.797

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster,

WBS No: 1EED0303
Activity ID: 1EED3031

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00
Total Unit Cost: \$10,499.96

Adjusted Unit Cost:

Labor Hours: 52.94798; Subcontracts: \$6,985.44; Supplies: \$314.34
Total Unit Cost: \$8,731.77
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	27.92 Hours
Factors	37.75 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.17 Hours
Factors	25.92 hours	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	279.56 Dollars
Factors	378 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.212.44 Dollars
Factors	8400 dollars	0.84	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.383.20 Dollars
Factors	1383.2 Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.839.56 Dollars
Factors	2839.56 Dollars						

Activity ID: 1EED3032 Description: B879 Decommissioning Characterization

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
2CHR	Type2 Bldg Characterization	3.64	msf	HC	70	253	5.563	17.050	0	22.613	1.569	24.182	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.453	3.453	0	3.453	
Total for Activity 1EED3032:						253	5.563	17.050	3.453	26.066	1.569	27.635	

Line Item 2CHR - Type2 Bldg Characterization

BOE													
		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											
		Historical Unit Cost Data:											
		Labor Hours: 94.10001; Subcontracts: \$5,880.00; Supplies: \$453.60											
		Total Unit Cost: \$8,400.05											
		Adjusted Unit Cost:											
		Labor Hours: 78.25356; Subcontracts: \$4,889.81; Supplies: \$377.21											
		Total Unit Cost: \$6,985.48											

WBS No: 1EED0303
Activity ID: 1EED3032

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.26	Hours
Factors	8.46	hours	0.84	Learning Curve	0.99	RSOP			
							0.88934	[SYS 061400] .88934200 - Svs	System
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers		Linear	63.34	Hours
Factors	85.64	hours	0.84	Learning Curve	0.99	RSOP			
							0.88934	[SYS 061400] .88934200 - Svs	System
A5C	SUPPLIES	0000	NONE		R100S	RMRS Salaried	Linear	335.47	Dollars
Factors	453.6	dollars	0.84	Learning Curve	0.99	RSOP			
							0.88934	[SYS 061400] .88934200 - Svs	System
A5H	SUBCONTRACTED SRVS	0000	NONE		R100S	RMRS Salaried	Linear	4,348.71	Dollars
Factors	5880	dollars	0.84	Learning Curve	0.99	RSOP			
							0.88934	[SYS 061400] .88934200 - Svs	System

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.131.03	Dollars
Factors		1131.03	Dollars						
ESC	ESCALATION	0000	NONE		ZDEPT	No Department	Linear	2,321.88	Dollars
Factors		2321.88	Dollars						

Activity ID: 1EED3033 Description: B879 Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	3.64	msf	HC	199	724	15,750	176,328	0	192,078	5,481	197,560
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	108,987	108,987	0	108,987
Total for Activity 1EED3033:						724	15,750	176,328	108,987	301,066	5,481	306,547

Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30
Total Unit Cost: \$71,350.00

Adjusted Unit Cost:
Labor Hours: 223.6089; Subcontracts: \$53,401.20; Supplies: \$1,068.02
Total Unit Cost: \$59,334.66
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	183.69	Hours
Factors	248.37	hours	0.84	Learning Curve	0.99	RSOP			
							0.88934	[SYS 061400] .88934200 - Svs	System

WBS No: 1EED0303
Activity ID: 1EED3033

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.18	Hours
Factors	20.52 hours		0.84 Learning Curve		0.99 RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem								
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	47.491.92	Dollars
Factors	64215 dollars		0.84 Learning Curve		0.99 RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	949.84	Dollars
Factors	1284.3 dollars		0.84 Learning Curve		0.99 RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	78.382.41	Dollars
	Factors 78382.4 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	30.605.04	Dollars
	Factors 30605.0 Dollars								

Activity ID: 1EED3034 Description: B879 Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb	Type2 Bldg w/Asbestos Decontamination	3.64	msf	HC	91	332	7.583	84.890	0	92.472	2.639	95.111
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	52.470	52.470	0	52.470
Total for Activity 1EED3034:						332	7.583	84.890	52.470	144.942	2.639	147.581

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.03

Adjusted Unit Cost:
Labor Hours: 102.6693; Subcontracts: \$25,708.91; Supplies: \$514.18
Total Unit Cost: \$28,565.48
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	14.01	Hours
Factors	18.94	dollars		0.84	Learning Curve		0.99 RSOP			
									0.88934 [SYS 061400] .88934200 - Ssystem	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	77.30	Hours
Factors	104.52	hours		0.84	Learning Curve		0.99 RSOP			
									0.88934 [SYS 061400] .88934200 - Ssystem	
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	22.864.02	Dollars
Factors	30915	dollars		0.84	Learning Curve		0.99 RSOP			
									0.88934 [SYS 061400] .88934200 - Ssystem	
	A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	457.28	Dollars
Factors	618.3	dollars		0.84	Learning Curve		0.99 RSOP			
									0.88934 [SYS 061400] .88934200 - Ssystem	

WBS No: 1EED0303
Activity ID: 1EED3034

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	37.735.65 Dollars
Factors		37735.7 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	14.734.19 Dollars
Factors		14734.2 Dollars					

Activity ID: 1EED3035 Description: B879 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	3.64	msf	HC	0	0	0	45.092	0	45.092	0	45.092
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	24.363	24.363	0	24.363
Total for Activity 1EED3035:						0	0	45.092	24.363	69.455	0	69.455

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$13,929.30; Supplies: \$0.00
Total Unit Cost: \$13,929.30
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	12.387.91 Dollars
Factors		16750 dollars 0.84 Learning Curve 0.99 RSOP					

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	17.377.09 Dollars
Factors		17377.1 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	6.985.45 Dollars
Factors		6985.45 Dollars					

Activity ID: 1EED3036 Description: B879 Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBIk	Type 2 Masonry Bldg Demolition	3.64	msf	HC	0	0	0	45.361	0	45.361	0	45.361
2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	3.64	msf	HC	0	0	0	65.553	0	65.553	0	65.553
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	61.188	61.188	0	61.188
Total for Activity 1EED3036:						0	0	110.915	61.188	172.103	0	172.103

Line Item 2DEMBIk - Type 2 Masonry Bldg Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the

WBS No: 1EED0303
Activity ID: 1EED3036

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

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Activity Filter *

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historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00
Total Unit Cost: \$16,850.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$14,012.46; Supplies: \$0.00
Total Unit Cost: \$14,012.46
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources			Cost Element		Skill		Department		Curve	Quantity	Units
			A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	12.461.87	Dollars
Factors			16850 dollars		0.84 Learning Curve		0.99 RSOP				

0.88934 [SYS 061400].88934200 - System

Line Item 2DEMBkSlab - Type 2 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data:									
	Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00									
	Total Unit Cost: \$20,250.00									
	Adjusted Unit Cost:									
	Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00									
	Total Unit Cost: \$20,250.00									
	Adjustment Factor: 1									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources			Cost Element		Skill		Department		Curve	Quantity	Units
			A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors			20250 dollars								

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Line Item SYS - Contingency And Escalation

BOE Resources										
	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	44.005.73	Dollars
	<i>Factors</i> 44005.7 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	17.182.39	Dollars
	<i>Factors</i> 17182.4 Dollars									

WBS No: 1EED0304		Title: T-883A Decommissioning											
Activity ID: 1E883AAPEN		Description: 883A Decommissioning Planning & Engineering						Cost Risk 1		Schedule Risk 2			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	456	456	0	456	

WBS No: 1EED0304
Activity ID: 1E883AAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
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Activity Filter * Starts In FY *

TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	1.96	msf	HC	9	17	500	2,550	0	3,050	141	3,192
Total for Activity 1E883AAPEN:						17	500	2,550	456	3,506	141	3,647

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			149.27	Dollars
Factors		149.273 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear			306.44	Dollars
Factors		306.443 Dollars								

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear			6.27	Hours
Factors		7.05 hours								
		0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear			2.45	Hours
Factors		2.76 hours								
		0.88934 [SYS 061400] .88934200 - System								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear			56.03	Dollars
Factors		63 dollars								
		0.88934 [SYS 061400] .88934200 - System								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			1,245.08	Dollars
Factors		1400 dollars								

Activity ID: 1E883ABCHR Description: 883A Decommissioning Characterization

Cost Risk 1 Schedule Risk 2
0.88934 [SYS 061400] .88934200 - System

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	856	856	0	856
TrlrCHRPre89	Pre-1989 Trailer Characterization	1.96	msf	HC	24	46	1,161	4,504	0	5,665	328	5,993
Total for Activity 1E883ABCHR:						46	1,161	4,504	856	6,521	328	6,848

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			280.28	Dollars
Factors		280.282 Dollars								

WBS No: 1EED0304
Activity ID: 1E883ABCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	575.39	Dollars
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Factors 575.391 Dollars

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25 Total Unit Cost: \$3,250.01</p> <p>Adjusted Unit Cost: Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25 Total Unit Cost: \$3,250.01 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.62	Hours

Factors 8.57 hours

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	15.99	Hours
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Factors 17.98 hours

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	130.07	Dollars
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Factors 146.25 dollars

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2.167.77	Dollars
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Factors 2437.5 dollars

Activity ID: 1E883AFDEM Description: 883A Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	20.915	20.915	0	20.915
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	1.96	msf	HC	0	0	0	37.913	0	37.913	0	37.913
Total for Activity 1E883AFDEM:						0	0	37.913	20.915	58.828	0	58.828

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	15.041.97	Dollars

Factors 15042 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	5.873.26	Dollars
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Factors 5873.26 Dollars

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of</p>							
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WBS No: 1EED0304
Activity ID: 1E883AFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	19.343.19
Factors		21750	dollars				

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0305 Title: T-883B Decommissioning

Activity ID: 1E883BAPEN Description: 883B Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	456	456	0	456
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	1.96	msf	HC	9	17	500	2,550	0	3,050	141	3,192
Total for Activity 1E883BAPEN:						17	500	2,550	456	3,506	141	3,647

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	149.27
Factors		149.273	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	306.44
Factors		306.443	Dollars				

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:

Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.27
Factors		7.05	hours				

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0305
Activity ID: 1E883BAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.45	Hours
Factors 2.76 hours								

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	56.03	Dollars
Factors 63 dollars								

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,245.08	Dollars
Factors 1400 dollars								

Activity ID: 1E883BBCHR Description: 883B Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	856	856	0	856
TrlrCHRPre89	Pre-1989 Trailer Characterization	1.96	msf	HC	24	46	1,161	4,504	0	5,665	328	5,993
Total for Activity 1E883BBCHR:						46	1,161	4,504	856	6,521	328	6,848

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	280.28	Dollars
	Factors 280.282 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	575.39	Dollars
	Factors 575.391 Dollars								

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01

Adjusted Unit Cost:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.62	Hours
Factors	8.57	hours							
							0.88934	ISYS 0614001 .88934200 - Svstem	
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	15.99	Hours
Factors	17.98	hours							
							0.88934	ISYS 0614001 .88934200 - Svstem	
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	130.07	Dollars
Factors	146.25	dollars							
							0.88934	ISYS 0614001 .88934200 - Svstem	
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,167.77	Dollars
Factors	2437.5	dollars							

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0305
Activity ID: 1E883BFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *
Cost Risk 2 Schedule Risk 4

Activity ID: 1E883BFDEM Description: 883B Decommissioning Demolition & Disposal

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	20.484	20.484	0	20.484
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	1.96	msf	HC	0	0	0	37.913	0	37.913	0	37.913
Total for Activity 1E883BFDEM:						0	0	37.913	20.484	58.396	0	58.396

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	14.610.39	Dollars
Factors 14610.4 Dollars						
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	5.873.26	Dollars
Factors 5873.26 Dollars						

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	19.343.19	Dollars
Factors 21750 dollars						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0306 Title: T-883C Decommissioning
Activity ID: 1E883CAPEN Description: 883C Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	456	456	0	456
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	1.96	msf	HC	9	17	500	2.550	0	3.050	141	3.192
Total for Activity 1E883CAPEN:						17	500	2.550	456	3.506	141	3.647

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	149.27	Dollars
Factors 149.273 Dollars						
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	306.44	Dollars
Factors 306.443 Dollars						

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the

WBS No: 1EED0306
Activity ID: 1E883CAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:

Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.27	Hours

Factors 7.05 hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.45	Hours
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Factors 2.76 hours

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	56.03	Dollars
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Factors 63 dollars

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.245.08	Dollars
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Factors 1400 dollars

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1E883CBCHR

Description: 883C Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	856	856	0	856
TrlrCHRPre89	Pre-1989 Trailer Characterization	1.96	msf	HC	24	46	1.161	4.504	0	5.665	328	5.993
Total for Activity 1E883CBCHR:						46	1.161	4.504	856	6.521	328	6.848

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	280.28	Dollars

Factors 280.282 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	575.39	Dollars
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Factors 575.391 Dollars

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01

WBS No: 1EED0306
Activity ID: 1E883CBCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.62	Hours
Factors 8.57 hours								
		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	15.99	Hours
Factors 17.98 hours								
		0.88934 [SYS 061400] .88934200 - System						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	130.07	Dollars
Factors 146.25 dollars								
		0.88934 [SYS 061400] .88934200 - System						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2.167.77	Dollars
Factors 2437.5 dollars								

Activity ID: 1E883CFDEM Description: 883C Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	20.484	20.484	0	20.484
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	1.96	msf	HC	0	0	0	37.913	0	37.913	0	37.913
Total for Activity 1E883CFDEM:						0	0	37.913	20.484	58.396	0	58.396

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	14.610.39	Dollars
Factors 14610.4 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	5.873.26	Dollars
Factors 5873.26 Dollars								

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0306
Activity ID: 1E883CFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	19,343.19	Dollars
Factors	21750	dollars						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0307 Title: T-883D Decommissioning

Activity ID: 1E883DAPEN Description: 883D Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	47	47	0	47
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	0.20	msf	HC	9	2	51	260	0	311	14	326
Total for Activity 1E883DAPEN:						2	51	260	47	358	14	372

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	15.23	Dollars
	Factors 15.232 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	31.27	Dollars
	Factors 31.2697 Dollars								

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.27	Hours
Factors 7.05 hours									
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.45	Hours	
Factors 2.76 hours									
0.88934 [SYS 061400] .88934200 - System									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	56.03	Dollars	
Factors 63 dollars									
0.88934 [SYS 061400] .88934200 - System									
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,245.08	Dollars	
Factors 1400 dollars									

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1E883DBCHR Description: 883D Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	87	87	0	87
TrlrCHRPre89	Pre-1989 Trailer Characterization	0.20	msf	HC	24	5	119	460	0	578	33	611

WBS No: 1EED0307
Activity ID: 1E883DBCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total for Activity 1E883DBCHR:

5	119	460	87	665	33	699
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Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department			Linear	28.60	Dollars
		Factors 28.6002 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department			Linear	58.71	Dollars
		Factors 58.7134 Dollars								

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.										
Historical Unit Cost Data: Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25 Total Unit Cost: \$3,250.01										
Adjusted Unit Cost: Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25 Total Unit Cost: \$3,250.01 Adjustment Factor: 1										
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried			Linear	7.62	Hours
		Factors 8.57 hours								
		0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers			Linear	15.99	Hours
		Factors 17.98 hours								
		0.88934 [SYS 061400] .88934200 - System								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried			Linear	130.07	Dollars
		Factors 146.25 dollars								
		0.88934 [SYS 061400] .88934200 - System								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried			Linear	2.167.77	Dollars
		Factors 2437.5 dollars								

Activity ID: 1E883DFDEM Description: 883D Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.090	2.090	0	2.090
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	0.20	msf	HC	0	0	0	3.869	0	3.869	0	3.869
Total for Activity 1E883DFDEM:						0	0	3.869	2.090	5.959	0	5.959

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department			Linear	1.490.86	Dollars
		Factors 1490.86 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department			Linear	599.31	Dollars
		Factors 599.312 Dollars								

WBS No: 1EED0307
Activity ID: 1E883DFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00 Total Unit Cost: \$21,750.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00 Total Unit Cost: \$21,750.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	19.343.19	Dollars
Factors		21750	dollars						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0308 Title: 883 Cluster Tank Decommissioning

Activity ID: 1ETK011100 Description: Tank TK011 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETK011100:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Tank Breakdown of Historical Data: Item - Removal of Tank Units - 1lot Unit Cost - \$3,865 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	3.553.80	Dollars
Factors		3864.6	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1ETK012100 Description: Tank TK012 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETK012100:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the											
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WBS No: 1EED0308
Activity ID: 1ETK012100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Tank
Breakdown of Historical Data:
Item - Removal of Tank
Units - 1lot
Unit Cost - \$5,869
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	5.397.02	Dollars
Factors		5869.01 Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1ETK312100 Description: Tank TK312 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.896	1.896	0	1.896
Tank	Tank Decommissioning	3.864.60	ea	HC	0	0	0	3.437	0	3.437	0	3.437
Total for Activity 1ETK312100:						0	0	3.437	1.896	5.333	0	5.333

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	1.363.62	Dollars
Factors		1363.62 Dollars							
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	532.44	Dollars
Factors		532.436 Dollars							

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1 \$							

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1ETK313100 Description: Tank TK313 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1EED0308
Activity ID: 1ETK313100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.896	1.896	0	1.896
Tank	Tank Decommissioning	3.864.60	ea	HC	0	0	0	3.437	0	3.437	0	3.437
Total for Activity 1ETK313100:					0	0	0	3.437	1.896	5.333	0	5.333

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.363.62 Dollars
Factors		1363.62 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	532.44 Dollars
Factors		532.436 Dollars					

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89 Dollars
Factors		1 \$					

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1ETNK01600 Description: Tank TK016 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.251	4.251	0	4.251
Tank	Tank Decommissioning	8.664.62	ea	HC	0	0	0	7.706	0	7.706	0	7.706
Total for Activity 1ETNK01600:					0	0	0	7.706	4.251	11.957	0	11.957

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.057.31 Dollars
Factors		3057.31 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.193.75 Dollars
Factors		1193.75 Dollars					

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of

WBS No: 1EED0308
Activity ID: 1ETNK01600

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors	1	\$						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED05 Title: 865 Cluster Decommissioning
Activity ID: 1EED0120 Description: 865 Cluster Decommissioning Project Management

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E865AGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E865TGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
1PMG-1E8270GP	Type1 Bldg Project Management	0.33	msf	HC	52	17	515	2,515	0	3,030	179	3,209
1PMG-1E8630GP	Type1 Bldg Project Management	0.40	msf	HC	52	21	629	3,069	0	3,698	219	3,917
2CAPMG-865CAX	Type2CA Bldg Project Management	32.52	msf	HC	262	8,534	261,229	1,013,060	0	1,274,288	90,908	1,365,196
2PMG-1E8650GP	Type2 Bldg Project Management	5.73	msf	HC	132	756	23,148	118,010	0	141,158	8,056	149,214
2PMG-1E8660GP	Type2 Bldg Project Management	0.42	msf	HC	127	53	1,622	8,270	0	9,892	565	10,457
2PMG-1E8670GP	Type2 Bldg Project Management	2.81	msf	HC	132	371	11,356	57,892	0	69,248	3,952	73,200
2PMG-1E8680GP	Type2 Bldg Project Management	2.13	msf	HC	132	282	8,623	43,960	0	52,583	3,001	55,584
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	897,293	897,293	0	897,293
Total for Activity 1EED0120:						10.034	307,122	1,246,776	897,293	2,451,191	106,878	2,558,069

Line Item 100-1E865AGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Project Management Breakdown of Historical Data: Item - Project Management Units - 1msf Unit Cost - 310.01 hrs, \$33,375 subcontracts, \$2,002.50 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	170.63	Hours
Factors	191.86	Hours						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	31.95	Hours
Factors	35.92	Hours						
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	48.75	Hours
Factors	54.82	Hours						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED05
Activity ID: 1EED0120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	24.38	Hours
Factors	27.41	Hours						
						0.88934	[SYS 061400]	.88934200 - Ssystem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.807.62	Dollars
Factors	2002.5	Dollars	1.015	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Ssystem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	30.359.42	Dollars
Factors	33375	Dollars	1.02283	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Ssystem

Line Item 100-1E865TGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
	Item Desc - Decommissioning Project Management Breakdown of Historical Data: Item - Project Management Units - lmsf Unit Cost - 64.21 hrs, \$8,400 subcontracts, \$315 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	29.04	Hours
Factors	32.65	Hours							
							0.88934	[SYS 061400]	.88934200 - Ssystem
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	15.63	Hours
Factors	17.57	Hours							
							0.88934	[SYS 061400]	.88934200 - Ssystem
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	8.30	Hours
Factors	9.33	Hours							
							0.88934	[SYS 061400]	.88934200 - Ssystem
	750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	4.14	Hours
Factors	4.66	Hours							
							0.88934	[SYS 061400]	.88934200 - Ssystem
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	284.34	Dollars
Factors	315	Dollars	1.015 -- FY00 Escalation --						
							0.88934	[SYS 061400]	.88934200 - Ssystem
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.641.02	Dollars
Factors	8400	Dollars	1.02283 -- FY00 Escalation --						
							0.88934	[SYS 061400]	.88934200 - Ssystem

Line Item 1PMG-1E8270GPMG - Type1 Bldg Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
	Historical Unit Cost Data: Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00 Total Unit Cost: \$10,500.07

WBS No: 1EED05
Activity ID: 1EED0120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Adjusted Unit Cost:
Labor Hours: 58.2615; Subcontracts: \$8,316.00; Supplies: \$311.85
Total Unit Cost: \$10,395.07
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	25.08	Hours
Factors	28.49 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	8.51	Hours
Factors	9.67 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	15.54	Hours
Factors	17.65 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.68	Hours
Factors	3.04 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	277.34	Dollars
Factors	315 dollars	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.395.77	Dollars
Factors	8400 dollars	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System

Line Item 1PMG-1E8630GPMG - Type1 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00
Total Unit Cost: \$10,500.07

Adjusted Unit Cost:

Labor Hours: 58.2615; Subcontracts: \$8,316.00; Supplies: \$311.85
Total Unit Cost: \$10,395.07
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	25.08	Hours
Factors	28.49 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	8.51	Hours
Factors	9.67 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	15.54	Hours
Factors	17.65 hours	0.99	RSOP					
							0.88934	ISYS 0614001 .88934200 - System

WBS No: 1EED05
Activity ID: 1EED0120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.68	Hours
Factors	3.04	hours	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	277.34	Dollars
Factors	315	dollars	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.395.77	Dollars
Factors	8400	dollars	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 2CAPMG-865CAXGPMG-1E - Type2CA Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 298.03; Subcontracts: \$33,375.00; Supplies: \$2,002.50
Total Unit Cost: \$44,499.98

Adjusted Unit Cost:
Labor Hours: 295.0497; Subcontracts: \$33,041.25; Supplies: \$1,982.47
Total Unit Cost: \$44,054.98
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	129.60	Hours
Factors	147.2	hours	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	38.69	Hours
Factors	43.94	hours	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	80.29	Hours
Factors	91.19	hours	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	13.82	Hours
Factors	15.7	hours	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.763.10	Dollars
Factors	2002.5	dollars	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	29.384.97	Dollars
Factors	33375	dollars	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 2PMG-1E8650GPMG - Type2 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS

WBS No: 1EED05
Activity ID: 1EED0120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
Historical Unit Cost Data:

Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00
Total Unit Cost: \$27,999.59

Adjusted Unit Cost:

Labor Hours: 148.5099; Subcontracts: \$22,176.00; Supplies: \$997.92
Total Unit Cost: \$27,719.59
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	65.23	Hours
Factors	74.09	hours	0.99	RSOP					
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.48	Hours
Factors	22.12	hours	0.99	RSOP					
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	40.41	Hours
Factors	45.9	hours	0.99	RSOP					
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	6.96	Hours
Factors	7.9	hours	0.99	RSOP					
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	887.49	Dollars
Factors	1008	dollars	0.99	RSOP					
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	19.722.05	Dollars
Factors	22400	dollars	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item 2PMG-1E8660GPMG - Type2 Bldg Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00 Total Unit Cost: \$27,999.59 Adjusted Unit Cost: Labor Hours: 142.5695; Subcontracts: \$21,288.96; Supplies: \$958.00 Total Unit Cost: \$26,610.81 Adjustment Factor: 0.9504 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	62.62	Hours
Factors	74.09	hours	0.96	Learning Curve	0.99	RSOP			
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	18.70	Hours
Factors	22.12	hours	0.96	Learning Curve	0.99	RSOP			
							0.88934	[SYS 061400] .88934200 - Svstem	

WBS No: 1EED05
Activity ID: 1EED0120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	38.80	Hours
Factors	45.9	hours	0.96	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	6.68	Hours
Factors	7.9	hours	0.96	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	851.99	Dollars
Factors	1008	dollars	0.96	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	18.933.17	Dollars
Factors	22400	dollars	0.96	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 2PMG-1E8670GPMG - Type2 Bldg Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00 Total Unit Cost: \$27,999.59</p> <p>Adjusted Unit Cost: Labor Hours: 148.5099; Subcontracts: \$22,176.00; Supplies: \$997.92 Total Unit Cost: \$27,719.59 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	65.23	Hours
Factors	74.09	hours		0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem										
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.48	Hours	
Factors	22.12	hours		0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem										
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	40.41	Hours	
Factors	45.9	hours		0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem										
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	6.96	Hours	
Factors	7.9	hours		0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem										
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	887.49	Dollars	
Factors	1008	dollars		0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem										
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	19.722.05	Dollars	
Factors	22400	dollars		0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item 2PMG-1E8680GPMG - Type2 Bldg Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their</p>							
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WBS No: 1EED05
Activity ID: 1EED0120

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00
Total Unit Cost: \$27,999.59

Adjusted Unit Cost:
Labor Hours: 148.5099; Subcontracts: \$22,176.00; Supplies: \$997.92
Total Unit Cost: \$27,719.59
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	65.23	Hours
Factors	74.09	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.48	Hours
Factors	22.12	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	40.41	Hours
Factors	45.9	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	6.96	Hours
Factors	7.9	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	887.49	Dollars
Factors	1008	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	19,722.05	Dollars
Factors	22400	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	640,012.80	Dollars
Factors	640013 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	257,280.00	Dollars
Factors	257280 Dollars							

Activity ID: 1EED0125 Description: 865 Cluster Decommissioning Support Services

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E865AHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E865THSUS	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
1SUS-1E8270HS	Type1 Bldg Support Services	0.36	msf	HC	70	25	474	1,756	0	2,230	165	2,395
1SUS-1E8630HS	Type1 Bldg Support Services	0.40	msf	HC	70	28	524	1,941	0	2,465	182	2,648
2CASUS-865CAX	Type2CA Bldg Support Services	32.52	msf	HC	301	9,793	187,845	728,492	0	916,337	65,370	981,707
2SUS-1E8650HS	Type2 Bldg Support Services	5.73	msf	HC	250	1,433	27,150	108,215	0	135,364	9,448	144,812
2SUS-1E8660HS	Type2 Bldg Support Services	0.42	msf	HC	240	100	1,903	7,584	0	9,486	662	10,148
2SUS-1E8670HS	Type2 Bldg Support Services	2.81	msf	HC	250	703	13,319	53,087	0	66,406	4,635	71,041
2SUS-1E8680HS	Type2 Bldg Support Services	2.13	msf	HC	250	534	10,114	40,311	0	50,425	3,520	53,944
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	684,377	684,377	0	684,377

WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total for Activity 1EED0125:

12.615	241.327	941.386	684.377	1.867.091	83.982	1.951.073
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Line Item 100-1E865AHSUS - Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 303.29 hrs, \$24,000 subcontracts, \$1,440 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	3.43	Hours
Factors 3.86 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	5.14	Hours
Factors 5.78 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	25.72	Hours
Factors 28.92 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	200.12	Hours
Factors 225.02 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	35.32	Hours
Factors 39.71 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.299.86	Dollars
Factors 1440 Dollars								
						1.015 -- FY00 Escalation --		
						0.88934 [SYS 061400]	.88934200 - System	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	21.831.50	Dollars
Factors 24000 Dollars								
						1.02283 -- FY00 Escalation --		
						0.88934 [SYS 061400]	.88934200 - System	

Line Item 100-1E865THSUS - Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 103.53 hrs, \$5,250 subcontracts, \$262.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.44	Hours
Factors 0.49 Hours								

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	32.40	Hours
Factors	36.43	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.65	Hours
Factors	0.73	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	49.80	Hours
Factors	56	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	8.79	Hours
Factors	9.88	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	237.41	Dollars
Factors	263	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.775.64	Dollars
Factors	5250	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 1SUS-1E8270HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.21; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 78.4179; Subcontracts: \$5,197.50; Supplies: \$259.88
Total Unit Cost: \$6,930.04
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	0.53Hours
Factors	0.6	hours		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem			
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	4.82Hours
Factors	5.48	hours		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem			
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	57.63Hours
Factors	65.46	hours		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem			
750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried	Linear	6.75Hours
Factors	7.67	hours		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem			
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	231.12Dollars
Factors	262.5	dollars		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem			

WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.622.35	Dollars
Factors	5250 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 1SUS-1E8630HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.21; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 78.4179; Subcontracts: \$5,197.50; Supplies: \$259.88
Total Unit Cost: \$6,930.04
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.53	Hours
Factors	0.6 hours	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.82	Hours
Factors	5.48 hours	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	57.63	Hours
Factors	65.46 hours	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	6.75	Hours
Factors	7.67 hours	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	231.12	Dollars
Factors	262.5 dollars	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.622.35	Dollars
Factors	5250 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2CASUS-865CAXHSUS-1E - Type2CA Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 341.98; Subcontracts: \$24,000.00; Supplies: \$1,440.00
Total Unit Cost: \$31,999.82

Adjusted Unit Cost:
Labor Hours: 338.5602; Subcontracts: \$23,760.00; Supplies: \$1,425.60

WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$31,679.82
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear		2.98	Hours
Factors	3.38 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		27.35	Hours
Factors	31.06 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		242.37	Hours
Factors	275.28 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear		28.40	Hours
Factors	32.26 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear		1.267.85	Dollars
Factors	1440 dollars		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear		21.130.77	Dollars
Factors	24000 dollars		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									

Line Item 2SUS-1E8650HSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00
Total Unit Cost: \$26,850.28

Adjusted Unit Cost:
Labor Hours: 281.3283; Subcontracts: \$20,047.50; Supplies: \$1,202.85
Total Unit Cost: \$26,581.78
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear		2.51	Hours
Factors	2.85 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		19.23	Hours
Factors	21.84 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		204.49	Hours
Factors	232.26 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear		23.97	Hours
Factors	27.22 hours		0.99 RSOP						
0.88934 [SYS 061400] .88934200 - System									

WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.069.74	Dollars
Factors	1215 dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	17.829.08	Dollars
Factors	20250 dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item 2SUS-1E8660HSUS - Type2 Bldg Support Services

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00 Total Unit Cost: \$26,850.28</p> <p>Adjusted Unit Cost: Labor Hours: 270.0752; Subcontracts: \$19,245.60; Supplies: \$1,154.74 Total Unit Cost: \$25,518.50 Adjustment Factor: 0.9504</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	2.41 Hours
Factors	2.85	hours		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	18.46 Hours
Factors	21.84	hours		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	196.31 Hours
Factors	232.26	hours		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried	Linear	23.01 Hours
Factors	27.22	hours		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	1.026.96 Dollars
Factors	1215	dollars		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	17.115.92 Dollars
Factors	20250	dollars		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	

Line Item 2SUS-1E8670HSUS - Type2 Bldg Support Services

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00</p>							
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WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$26,850.28						
Adjusted Unit Cost:						
Labor Hours: 281.3283; Subcontracts: \$20,047.50; Supplies: \$1,202.85						
Total Unit Cost: \$26,581.78						
Adjustment Factor: 0.99						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	2.51	Hours
Factors	2.85 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	19.23	Hours
Factors	21.84 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	204.49	Hours
Factors	232.26 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	23.97	Hours
Factors	27.22 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.069	Dollars
Factors	1215 dollars	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	17.829	Dollars
Factors	20250 dollars	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem

Line Item 2SUS-1E8680HSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.								
Historical Unit Cost Data:								
Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00								
Total Unit Cost: \$26,850.28								
Adjusted Unit Cost:								
Labor Hours: 281.3283; Subcontracts: \$20,047.50; Supplies: \$1,202.85								
Total Unit Cost: \$26,581.78								
Adjustment Factor: 0.99								
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	2.51	Hours
Factors	2.85 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	19.23	Hours
Factors	21.84 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	204.49	Hours
Factors	232.26 hours	0.99	RSOP					
							0.88934	[SYS 061400] .88934200 - Svstem

WBS No: 1EED05
Activity ID: 1EED0125

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	23.97	Hours
Factors	27.22	hours	0.99	RSOP				
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.069.74	Dollars
Factors	1215	dollars	0.99	RSOP				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	17.829.08	Dollars
Factors	20250	dollars	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	488.146.10	Dollars
	Factors 488146 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	196.230.80	Dollars
	Factors 196231 Dollars								

Activity ID: 1ETK010100 Description: Tank TK010 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETK010100:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Tank
Breakdown of Historical Data:
Item - Removal of Tank
Units - 1lot
Unit Cost - \$8,505
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	7.820.85	Dollars
	Factors 8504.81 Dollars		1.034 -- FY00 Escalation --						
0.88934 [SYS 061400] .88934200 - System									

WBS No: 1EED0501 Title: B-865 Decommissioning

Activity ID: 1E865TAPEN Description: B865 CT Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning and Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E865TAPEN:						0	0	0	0	0	0	0

Line Item 100 - Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Planning & Engineering
Breakdown of Historical Data:
Item - Planning & Engineering
Units - 1msf

WBS No: 1EED0501
Activity ID: 1E865TAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost - 30.57 hrs, \$4,000 subcontracts, \$150 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	19.75	Hours
Factors 22.21 Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.44	Hours
Factors 8.37 Hours		0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	137.43	Dollars
Factors 150 Dollars		1.015 -- FY00 Escalation --		1.015 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.638.58	Dollars
Factors 4000 Dollars		1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

Activity ID: 1E865TBCHR Description: B865 CT Decommissioning Characterization

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E865TBCHR:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Characterization
Breakdown of Historical Data:
Item - Characterization
Units - 1msf
Unit Cost - 103.08 hrs, \$5,950 subcontracts, \$382.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.22	Hours
Factors 2.5 Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	30.13	Hours
Factors 33.88 Hours		0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	121.86	Dollars
Factors 135 Dollars		1.015 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.910.26	Dollars
Factors 2100 Dollars		1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

Activity ID: 1E865TCSPP Description: B865 CT Decommissioning Final Surveys

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1EED0501
Activity ID: 1E865TCSPR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

100	SITE PREPARATION	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E865TCSPR:						0	0	0	0	0	0	0

Line Item 100 - SITE PREPARATION

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Site Preparation Breakdown of Historical Data: Item - Site Preparation Units - 1msf Unit Cost -\$3,000 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	2.758.74	Dollars
Factors	3000	Dollars	1.034	-- FY00 Escalation --					

Activity ID: 1E865TDDEC Description: B865 CT Decommissioning Decontamination

Cost Risk 0.88934 [SYS 061400] .88934200 - Svstem
4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Decontamination	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E865TDDEC:						0	0	0	0	0	0	0

Line Item 100 - Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Decontamination Breakdown of Historical Data: Item - Decontamination Units - 1msf Unit Cost - 63.53 hrs, \$13,950 subcontracts, \$232.50 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.29	Hours
Factors	2.58	Hours									
									0.88934 [SYS 061400] .88934200 - Svstem		
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	54.21	Hours
Factors	60.95	Hours									
									0.88934 [SYS 061400] .88934200 - Svstem		
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	209.87	Dollars
Factors	232.5	Dollars		1.015	-- FY00 Escalation --						
									0.88934 [SYS 061400] .88934200 - Svstem		
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	12.689.56	Dollars
Factors	13950	Dollars		1.02283	-- FY00 Escalation --						

Activity ID: 1E865TEDIS Description: B865 CT Decommissioning Dismantlement

Cost Risk 0.88934 [SYS 061400] .88934200 - Svstem
4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE	Labor	Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
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WBS No: 1EED0501
Activity ID: 1E865TEDIS

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

			Type	Hours/Unit	Total	Total	Activity Filter Cost	& Escalation	Cost	Starts In FY	*
100	Dismantlement	0.00	msf	HC	#Num!	0	0	0	0	0	0
Total for Activity 1E865TEDIS:						0	0	0	0	0	0

Line Item 100 - Dismantlement

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.										
	Item Desc - Decommissioning Dismantlement										
	Breakdown of Historical Data:										
	Item - Dismantlement										
	Units - 1msf										
	Unit Cost -\$15,000 subcontracts										
	Unit Cost Adjustment factor - N/A										
	Revised Unit Cost - N/A										
	Basis for adjustment - N/A										
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	13.793.70	Dollars
Factors	15000	Dollars	1.034	-- FY00 Escalation --					

Activity ID: 1E865TFDEM		Description: B865 CT Decommissioning Demolition & Disposal				0.88934 [SYS 061400] .88934200 - System							
						Cost Risk		4		Schedule Risk		4	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
100	Demolition and Disposal (Reinforced Concrete)	0.00	msf	HC	#Num!	0	0	0	0	0	0	0	
500	Foundation/Slab Removal	300.00	sf	HC	0	0	0	5.586	0	5.586	0	5.586	
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	3.082	3.082	0	3.082	
Total for Activity 1E865TFDEM:						0	0	5.586	3.082	8.668	0	8.668	

Line Item 100 - Demolition and Disposal (Reinforced Concrete)

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.										
	Item Desc - Decommissioning Demolition & Disposal										
	Breakdown of Historical Data:										
	Item - Demolition & Disposal										
	Units - 1msf										
	Unit Cost - \$5,000 subcontracts										
	Unit Cost Adjustment factor - N/A										
	Revised Unit Cost - N/A										
	Basis for adjustment - N/A										
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	4.597.90	Dollars
Factors	5000	Dollars	1.034	-- FY00 Escalation --					

				0.88934	[SYS 061400].88934200 - System
Line Item 500 - Foundation/Slab Removal					
BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.			
		Item Desc - Removal of Foundation/Slab			
		Breakdown of Historical Data:			
		Item - Removal of Foundation/Slab			
		Units - 1sf			
		Unit Cost - \$20.25 subcontracts			

WBS No: 1EED0501
Activity ID: 1E865TFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	18.62	Dollars
Factors		20.25 dollars	1.034 -- FY00 Escalation --	0.88934 [SYS 061400] .88934200 - Svsstem			

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	2,216.44	Dollars
Factors		2216.44 Dollars					
		ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	865.43	Dollars
Factors		865.427 Dollars					

Activity ID: 1EED5011 Description: B865 Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CAPEN-865CAX	Type2CA Bldg Planning & Engineering	32.52	msf	HC	100	3,256	88,049	341,481	0	429,530	24,830	454,360
2PEN	Type2 Bldg Planning & Engineering	5.73	msf	HC	56	321	8,681	44,254	0	52,935	2,448	55,383
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	72,785	72,785	0	72,785
Total for Activity 1EED5011:						3,577	96,730	385,735	72,785	555,250	27,278	582,528

Line Item 2CAPEN-865CAXAPEN - Type2CA Bldg Planning & Engineering

BOE Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 113.69; Subcontracts: \$11,250.00; Supplies: \$675.00 Total Unit Cost: \$14,999.81 Adjusted Unit Cost: Labor Hours: 112.5531; Subcontracts: \$11,137.50; Supplies: \$668.25 Total Unit Cost: \$14,849.81 Adjustment Factor: 0.99 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	59.35	Hours
Factors		67.41 hours	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem			
		750 STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	40.75	Hours
Factors		46.28 hours	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem			
		A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	594.30	Dollars
Factors		675 dollars	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem			

WBS No: 1EED0501
Activity ID: 1EED5011

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	9.905.05	Dollars
Factors	11250 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00
Total Unit Cost: \$10,499.96

Adjusted Unit Cost:

Labor Hours: 63.0333; Subcontracts: \$8,316.00; Supplies: \$374.22
Total Unit Cost: \$10,394.96
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	33.24	Hours
Factors	37.75 hours	0.99 RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	22.82	Hours
Factors	25.92 hours	0.99 RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	332.81	Dollars
Factors	378 dollars	0.99 RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	7.395.77	Dollars
Factors	8400 dollars	0.99 RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	23.841.21	Dollars
Factors	23841.2 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	48.943.63	Dollars
Factors	48943.6 Dollars				

Activity ID: 1EED5012

Description: B865 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CACHR-865CAX	Type2CA Bldg Characterization	32.52	msf	HC	115	3,743	82,190	204,173	0	286,362	23,177	309,540
2CHR	Type2 Bldg Characterization	5.73	msf	HC	83	474	10,418	31,931	0	42,348	2,938	45,286
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	50,665	50,665	0	50,665
Total for Activity 1EED5012:						4,217	92,608	236,103	50,665	379,375	26,115	405,491

Line Item 2CACHR-865CAXBCHR - Type2CA Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their

WBS No: 1EED0501
Activity ID: 1EED5012

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 130.7; Subcontracts: \$6,500.00; Supplies: \$630.00
Total Unit Cost: \$10,000.18

Adjusted Unit Cost:

Labor Hours: 129.393; Subcontracts: \$6,435.00; Supplies: \$623.70
Total Unit Cost: \$9,900.18
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	10.35	Hours
Factors	11.75	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	104.73	Hours
Factors	118.95	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	554.68	Dollars
Factors	630	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	5,722.92	Dollars
Factors	6500	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				

Line Item 2CHR - Type2 Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 94.1; Subcontracts: \$5,880.00; Supplies: \$453.60
Total Unit Cost: \$8,400.05

Adjusted Unit Cost:

Labor Hours: 93.159; Subcontracts: \$5,821.20; Supplies: \$449.06
Total Unit Cost: \$8,316.05
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.45	Hours
Factors	8.46	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	75.40	Hours
Factors	85.64	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	399.37	Dollars
Factors	453.6	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				

WBS No: 1EED0501
Activity ID: 1EED5012

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.177.04	Dollars
Factors	5880 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	16.595.58	Dollars
Factors	16595.6 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	34.069.07	Dollars
Factors	34069.1 Dollars							

Activity ID: 1EED5013 Description: B865 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CADIS-865CAX	Type2CA Bldg Dismantlement	32.52	msf	HC	1.148	37.339	812.452	1.664.536	0	2.476.989	282.733	2.759.722
2DIS	Type2 Bldg Dismantlement	5.73	msf	HC	237	1.356	29.496	330.211	0	359.707	10.265	369.972
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	1.690.927	1.690.927	0	1.690.927
Total for Activity 1EED5013:						38.695	841.948	1.994.748	1.690.927	4.527.623	292.998	4.820.621

Line Item 2CADIS-865CAXEDIS - Type2CA Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 1303.93; Subcontracts: \$51,900.00; Supplies: \$6,228.00
Total Unit Cost: \$86,500.00

Adjusted Unit Cost:
Labor Hours: 1290.891; Subcontracts: \$51,381.00; Supplies: \$6,165.72
Total Unit Cost: \$85,635.00
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES	KE10H	Indust/Site Srvs Steelworkers	Linear	1.060.42	Hours
Factors	1204.41	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	87.62	Hours
Factors	99.52	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	45.695.28	Dollars
Factors	51900	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	5.483.43	Dollars
Factors	6228	dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their

WBS No: 1EED0501
Activity ID: 1EED5013

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30
Total Unit Cost: \$71,350.00

Adjusted Unit Cost:

Labor Hours: 266.2011; Subcontracts: \$63,572.85; Supplies: \$1,271.46
Total Unit Cost: \$70,636.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	218.68	Hours

Factors 248.37 hours 0.99 RSOP

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	18.07	Hours
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Factors 20.52 hours 0.99 RSOP

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	56.538.01	Dollars
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Factors 64215 dollars 0.99 RSOP

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1,130.76	Dollars
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Factors 1284.3 dollars 0.99 RSOP

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1,206.089.00	Dollars

Factors 1206089 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	484.838.10	Dollars
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Factors 484838 Dollars

Activity ID: 1EED5014 Description: B865 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CADECAsb-865	Type 2CA Bldg w/ Asbestos Decontamination	32.52	msf	HC	310	10,090	230,196	1,173,425	0	1,403,621	80,108	1,483,729
2DECAsb	Type2 Bldg w/Asbestos Decontamination	5.73	msf	HC	109	622	14,200	158,974	0	173,174	4,942	178,116
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	897,870	897,870	0	897,870
Total for Activity 1EED5014:						10,712	244,396	1,332,399	897,870	2,474,665	85,050	2,559,715

Line Item 2CADECAsb-865CAXDDEC - Type 2CA Bldg w/ Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 352.3523; Subcontracts: \$39,213.10; Supplies: \$1,764.59
Total Unit Cost: \$49,016.46

WBS No: 1EED0501
Activity ID: 1EED5014

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Adjusted Unit Cost:
Labor Hours: 348,8287; Subcontracts: \$38,820.97; Supplies: \$1,746.94
Total Unit Cost: \$48,526.30
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried		Linear	47.58	Hours
Factors	0.7541	Dose Base	71.67	hours	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers		Linear	262.64	Hours
Factors	0.7541	Dose Base	395.58	hours	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - System									
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried		Linear	34.525.11	Dollars
Factors	0.7541	Dose Base	52000	dollars	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - System									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried		Linear	1.553.63	Dollars
Factors	2340	dollars	0.7541	Dose Base	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - System									

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.03

Adjusted Unit Cost:

Labor Hours: 122.2254; Subcontracts: \$30,605.85; Supplies: \$612.12
Total Unit Cost: \$34,006.53
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried		Linear	16.68	Hours
Factors	18.94	dollars	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers		Linear	92.02	Hours
Factors	104.52	hours	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - System									
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried		Linear	27.219.07	Dollars
Factors	30915	dollars	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - System									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried		Linear	544.38	Dollars
Factors	618.3	dollars	0.99	RSOP					
0.88934 [SYS 061400] .88934200 - System									

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0501
Activity ID: 1EED5014

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	640,424.60	Dollars
Factors	640425	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	257,445.50	Dollars
Factors	257446	Dollars						

Activity ID: 1EED5015 Description: B865 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CAFSS-865CAX	Type2CA Bldg Final Status Survey	32.52	msf	HC	0	0	0	572,714	0	572,714	0	572,714
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	5.73	msf	HC	0	0	0	84,444	0	84,444	0	84,444
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	355,053	355,053	0	355,053
Total for Activity 1EED5015:						0	0	657,158	355,053	1,012,211	0	1,012,211

Line Item 2CAFSS-865CAXCFSS - Type2CA Bldg Final Status Survey

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$20,000.00; Supplies: \$0.00 Total Unit Cost: \$20,000.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$19,800.00; Supplies: \$0.00 Total Unit Cost: \$19,800.00 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	17,608.97	Dollars
Factors	20000 dollars	0.99 RSOP				
0.88934 [SYS 061400] .88934200 - Svsstem						

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00 Total Unit Cost: \$16,750.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$16,582.50; Supplies: \$0.00 Total Unit Cost: \$16,582.50 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0501
Activity ID: 1EED5015

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14.747.51	Dollars
Factors	16750 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	253.248.90	Dollars

Factors 253249 Dollars

ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	101.804.00	Dollars
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Factors 101804 Dollars

Activity ID: 1EED5016

Description: B865 Decommissioning Demolition & Disposal

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CADEMRein-865	Type 2CA Reinforced Concrete Building Demolition	32.52	msf	HC	0	0	0	902.025	0	902.025	0	902.025
2DEMBlkSlab-865	Type 2 Bldg Demolition Slab/Foundation	32.52	msf	HC	0	0	0	585.730	0	585.730	0	585.730
2DEMRein	Type 2 Reinforced Concrete Building Demolition	5.73	msf	HC	0	0	0	155.529	0	155.529	0	155.529
2DEMReinSlab	Type 2 Reinforced Concrete Bldg Demolition Slab	5.73	msf	HC	0	0	0	103.121	0	103.121	0	103.121
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	963.437	963.437	0	963.437
Total for Activity 1EED5016:						0	0	1,746.404	963.437	2,709.841	0	2,709.841

Line Item 2CADEMRein-865CAXFDE - Type 2CA Reinforced Concrete Building Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$31,500.00; Supplies: \$0.00
Total Unit Cost: \$31,500.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$31,185.00; Supplies: \$0.00
Total Unit Cost: \$31,185.00
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	27.734.13	Dollars

Factors 31500 dollars

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item 2DEMBlkSlab-865CAXFD - Type 2 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00

WBS No: 1EED0501
Activity ID: 1EED05016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors 20250 dollars									

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 2DEMRein - Type 2 Reinforced Concrete Building Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$30,850.00; Supplies: \$0.00 Total Unit Cost: \$30,850.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$30,541.50; Supplies: \$0.00 Total Unit Cost: \$30,541.50 Adjustment Factor: 0.99 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	27.161.84	Dollars
Factors 30850 dollars 0.99 RSOP									

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 2DEMReinSlab - Type 2 Reinforced Concrete Bldg Demolition Slab

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$0.00; Supplies: \$20,250.00 Total Unit Cost: \$20,250.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$0.00; Supplies: \$20,250.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors 20250 dollars									

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0501
Activity ID: 1EED5016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	692.891.60
Factors		692892 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	270.545.10
Factors		270545 Dollars					

WBS No: 1EED0503 Title: B-827 Decommissioning
Activity ID: 1EED5031 Description: B827 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	0.33	msf	HC	27	9	245	1.197	0	1.443	85	1.528
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	424	424	0	424
Total for Activity 1EED5031:						9	245	1.197	424	1.866	85	1.951

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00
Total Unit Cost: \$5,000.02

Adjusted Unit Cost:
Labor Hours: 29.8089; Subcontracts: \$3,960.00; Supplies: \$148.50
Total Unit Cost: \$4,950.01
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	17.50
Factors		19.88 hours 0.99 RSOP					
		0.88934 [SYS 061400] .88934200 - System					
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	9.01
Factors		10.23 hours 0.99 RSOP					
		0.88934 [SYS 061400] .88934200 - System					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	132.07
Factors		150 Dollars 0.99 RSOP					
		0.88934 [SYS 061400] .88934200 - System					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.521.79
Factors		4000 Dollars 0.99 RSOP					
		0.88934 [SYS 061400] .88934200 - System					

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	306.38
Factors		306.38 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	117.15
Factors		117.145 Dollars					

WBS No: 1EED0503
Activity ID: 1EED5032

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Activity ID: 1EED5032 Description: B827 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	0.33	msf	HC	80	26	567	2,101	0	2,668	196	2,864
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	794	794	0	794
Total for Activity 1EED5032:						26	567	2,101	794	3,462	196	3,658

Line Item 1CHR - Type1 Bldg Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63 Total Unit Cost: \$2,150.12</p> <p>Adjusted Unit Cost: Labor Hours: 20.8593; Subcontracts: \$1,596.38; Supplies: \$79.82 Total Unit Cost: \$2,128.62 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
Factors	750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	5.57	Hours
	1.47	Hours	0.99 RSOP	4.3 B827 Type 1 Char Adi	0.88934 [SYS 061400] .88934200 - Svstem		
Factors	750	STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KE10H Indust/Site Svcs Steelworkers	Linear	74.20	Hours
	19.6	hours	0.99 RSOP	4.3 B827 Type 1 Char Adi	0.88934 [SYS 061400] .88934200 - Svstem		
Factors	A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	305.26	Dollars
	80.63	dollars	0.99 RSOP	4.3 B827 Type 1 Char Adi	0.88934 [SYS 061400] .88934200 - Svstem		
Factors	A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	6,104.81	Dollars
	1612.5	dollars	0.99 RSOP	4.3 B827 Type 1 Char Adi	0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	574.40	Dollars
	Factors		574.401 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	219.62	Dollars
	Factors		219.624 Dollars							

Activity ID: 1EED5033 Description: B827 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.37	msf	HC	68	25	536	5,661	0	6,196	186	6,383
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3,449	3,449	0	3,449
Total for Activity 1EED5033:						25	536	5,661	3,449	9,645	186	9,832

Line Item 1DIS - Type1 Bldg Dismantlement

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the</p>											
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WBS No: 1EED0503
Activity ID: 1EED5033

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 76.93001; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:

Labor Hours: 76.16071; Subcontracts: \$16,795.35; Supplies: \$279.92
Total Unit Cost: \$18,691.58
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	65.26	Hours

Factors 74.12 hours

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.47	Hours
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Factors 2.81 hours

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svsstem

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	14.936.81	Dollars
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Factors 16965 dollars

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svsstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	248.95	Dollars
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Factors 282.75 dollars

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2.459.78	Dollars

Factors 2459.78 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	988.81	Dollars
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Factors 988.813 Dollars

Activity ID: 1EED5034

Description: B827 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECAsb	Type 1 Bldg w/ Asbestos Decontamination	0.37	msf	HC	114	43	906	9.565	0	10.471	315	10.786
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	5.828	5.828	0	5.828
Total for Activity 1EED5034:						43	906	9.565	5.828	16.298	315	16.614

Line Item 1DECAsb - Type 1 Bldg w/ Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 129.99; Subcontracts: \$28,665.00; Supplies: \$478.00
Total Unit Cost: \$31,904.23

WBS No: 1EED0503
Activity ID: 1EED5034

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost:
Labor Hours: 128.6901; Subcontracts: \$28,378.35; Supplies: \$473.22
Total Unit Cost: \$31,585.18
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.18	Hours
Factors	4.75	hours	0.99	RSOP					
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	110.27	Hours
Factors	125.24	hours	0.99	RSOP					
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	25.238.06	Dollars
Factors	28665	dollars	0.99	RSOP					
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	420.85	Dollars
Factors	478	dollars	0.99	RSOP					
							0.88934 [SYS 061400] .88934200 - Svstem		
							0.88934 [SYS 061400] .88934200 - Svstem		
							0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.156.67	Dollars
Factors	4156.67	Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.670.95	Dollars
Factors	1670.95	Dollars							

Activity ID: 1EED5035 Description: B827 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	0.38	msf	HC	0	0	0	1.437	0	1.437	0	1.437
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	0.38	msf	HC	0	0	0	5.663	0	5.663	0	5.663
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.836	3.836	0	3.836
Total for Activity 1EED5035:						0	0	7.100	3.836	10.936	0	10.936

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00 Total Unit Cost: \$4,250.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$4,207.50; Supplies: \$0.00 Total Unit Cost: \$4,207.50 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0503
Activity ID: 1EED5035

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,741.91	Dollars
Factors	4250 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$16,582.50; Supplies: \$0.00
Total Unit Cost: \$16,582.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14,747.51	Dollars
Factors	16750 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2,736.10	Dollars
Factors	2736.10 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,099.89	Dollars
Factors	1099.89 Dollars							

Activity ID: 1EED5036 Description: B827 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	0.38	msf	HC	0	0	0	5,376	0	5,376	0	5,376
1DEMSlabBlk	Type 1 Bldg Demolition Slab/Foundation	0.31	msf	HC	0	0	0	4,104	0	4,104	0	4,104
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	5,122	5,122	0	5,122
Total for Activity 1EED5036:						0	0	9,480	5,122	14,602	0	14,602

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00
Total Unit Cost: \$15,900.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$15,741.00; Supplies: \$0.00

WBS No: 1EED0503
Activity ID: 1EED5036

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total Unit Cost: \$15,741.00 Adjustment Factor: 0.99
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	13.999.13	Dollars
Factors	15900 dollars	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 1DEMslabBlk - Type 1 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	13.028.86	Dollars
Factors	14650 dollars					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE						
Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	3.653.21	Dollars
Factors	3653.21 Dollars					
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	1.468.56	Dollars
Factors	1468.56 Dollars					

WBS No: 1EED0504	Title: B-866 Decommissioning	Cost Risk 1	Schedule Risk 2
Activity ID: 1EED5041	Description: B866 Decommissioning Planning & Engineering		

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	0.42	msf	HC	54	22	608	3.101	0	3.710	172	3.881
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	554	554	0	554
Total for Activity 1EED5041:						22	608	3.101	554	4.264	172	4.435

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
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WBS No: 1EED0504
Activity ID: 1EED5041

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data:
Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00
Total Unit Cost: \$10,499.96

Adjusted Unit Cost:
Labor Hours: 60.51197; Subcontracts: \$7,983.36; Supplies: \$359.25
Total Unit Cost: \$9,979.16
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	31.91 Hours
Factors	37.75	hours	0.96	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	21.91 Hours
Factors	25.92	hours	0.96	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	319.50 Dollars
Factors	378	dollars	0.96	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.099.94 Dollars
Factors	8400	dollars	0.96	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svstem							

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	181.53 Dollars
Factors	181.531	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	372.66 Dollars
Factors	372.665	Dollars					

Activity ID: 1EED5042 Description: B866 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CHR	Type2 Bldg Characterization	0.42	msf	HC	80	33	730	2,238	0	2,968	206	3,174
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	453	453	0	453
Total for Activity 1EED5042:						33	730	2,238	453	3,421	206	3,627

Line Item 2CHR - Type2 Bldg Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 94.1; Subcontracts: \$5,880.00; Supplies: \$453.60
Total Unit Cost: \$8,400.05

Adjusted Unit Cost:
Labor Hours: 89.43264; Subcontracts: \$5,588.35; Supplies: \$431.10
Total Unit Cost: \$7,983.40
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0504
Activity ID: 1EED5042

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.15	Hours
Factors	8.46	hours		0.96	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	72.39	Hours
Factors	85.64	hours		0.96	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
	A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	383.40	Dollars
Factors	453.6	dollars		0.96	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	4.969.96	Dollars
Factors	5880	dollars		0.96	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	148.44	Dollars
	Factors 148.436 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	304.72	Dollars
	Factors 304.725 Dollars									

Activity ID: 1EED5043 Description: B866 Decommissioning Dismantlement

								Cost Risk		Schedule Risk			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
2DIS	Type2 Bldg Dismantlement	0.42	msf	HC	227	95	2.067	23.141	0	25.208	583	25.791	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.711	3.711	0	3.711	
Total for Activity 1EED5043:						95	2.067	23.141	3.711	28.919	583	29.502	

Line Item 2DIS - Type2 Bldg Dismantlement

BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30 Total Unit Cost: \$71,350.00 Adjusted Unit Cost: Labor Hours: 255.553; Subcontracts: \$61,029.93; Supplies: \$1,220.60 Total Unit Cost: \$67,811.04 Adjustment Factor: 0.9504 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources													
	Cost Element				Skill		Department		Curve	Quantity	Units		
	750	STRAIGHT TIME BASE			C120	D&D SKILLED TRADES		KE10H	Indust/Site Svcs Steelworkers		Linear	209.93	Hours
	Factors	248.37	hours			0.96	Learning Curve			0.99	RSOP		
	0.88934 [SYS 061400] .88934200 - System												
	750	STRAIGHT TIME BASE			E130	OTHER ENGINEERS		R100S	RMRS Salaried		Linear	17.34	Hours
	Factors	20.52	hours			0.96	Learning Curve			0.99	RSOP		
0.88934 [SYS 061400] .88934200 - System													

WBS No: 1EED0504
Activity ID: 1EED5043

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	54.276.48	Dollars
Factors	64215 dollars	0.96	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	1.085.53	Dollars
Factors	1284.3 dollars	0.96	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1,234.44	Dollars
Factors	1234.44 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2,476.39	Dollars
Factors	2476.39 Dollars							

Activity ID: 1EED5044 Description: B866 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb	Type2 Bldg w/Asbestos Decontamination	0.42	msf	HC	104	44	995	11.141	0	12.136	281	12.417
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	1.787	1.787	0	1.787
Total for Activity 1EED5044:						44	995	11.141	1.787	13.923	281	14.203

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.03

Adjusted Unit Cost:
Labor Hours: 117.3364; Subcontracts: \$29,381.62; Supplies: \$587.63
Total Unit Cost: \$32,646.27
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	16.01	Hours
Factors	18.94	dollars		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	88.34	Hours
Factors	104.52	hours		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
A5B	CONSTRUCTION		0000	NONE		R100S	RMRS Salaried	Linear	26.130.30	Dollars
Factors	30915	dollars		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	522.61	Dollars
Factors	618.3	dollars		0.96	Learning Curve		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0504
Activity ID: 1EED5044

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	594.29 Dollars
Factors		594.295 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.192.21 Dollars
Factors		1192.21 Dollars					

Activity ID: 1EED5045 Description: B866 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	0.42	msf	HC	0	0	0	5.918	0	5.918	0	5.918
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	851	851	0	851
Total for Activity 1EED5045:						0	0	5.918	851	6.769	0	6.769

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00 Total Unit Cost: \$16,750.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$15,919.20; Supplies: \$0.00 Total Unit Cost: \$15,919.20 Adjustment Factor: 0.9504 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14.157.61 Dollars
Factors		16750 dollars 0.96 Learning Curve 0.99 RSOP 0.88934 [SYS 061400] .88934200 - Svsstem					

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	283.24	Dollars
	Factors 283.244 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	568.21	Dollars
	Factors 568.213 Dollars									

Activity ID: 1EED5046 Description: B866 Decommissioning Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBlk	Type 2 Masonry Bldg Demolition	0.42	msf	HC	0	0	0	5.953	0	5.953	0	5.953
2DEMBlkSlab	Type 2 Bldg Demolition Slab/Foundation	0.42	msf	HC	0	0	0	7.528	0	7.528	0	7.528
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.047	4.047	0	4.047
Total for Activity 1EED5046:						0	0	13.481	4.047	17.528	0	17.528

Line Item 2DEMBlk - Type 2 Masonry Bldg Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster,
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WBS No: 1EED0504
Activity ID: 1EED5046

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00
Total Unit Cost: \$16,850.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$16,014.24; Supplies: \$0.00
Total Unit Cost: \$16,014.24
Adjustment Factor: 0.9504

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	14.242.14	Dollars
Factors	16850	dollars		0.96	Learning Curve		0.99	RSOP		

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 2DEMB1kSlab - Type 2 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors	20250	dollars								

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE		ZDEPT	No Department	Linear	2.434.99	Dollars
Factors	2434.99	Dollars								
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE		ZDEPT	No Department	Linear	1.612.01	Dollars
Factors	1612.01	Dollars								

WBS No: 1EED0505 Title: B-867 Decommissioning

Activity ID: 1EED5051 Description: B867 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	2.81	msf	HC	56	157	4.259	21.710	0	25.968	1.483	27.451
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.048	6.048	0	6.048
Total for Activity 1EED5051:						157	4.259	21.710	6.048	32.017	1.483	33.499

WBS No: 1EED0505
Activity ID: 1EED5051

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00 Total Unit Cost: \$10,499.96</p> <p>Adjusted Unit Cost: Labor Hours: 63.0333; Subcontracts: \$8,316.00; Supplies: \$374.22 Total Unit Cost: \$10,394.96 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	33.24 Hours
Factors	37.75	hours	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem							
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	22.82 Hours
Factors	25.92	hours	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem							
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	332.81 Dollars
Factors	378	dollars	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem							
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	7.395.77 Dollars
Factors	8400	dollars	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem							

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	4.191.42	Dollars
	Factors 4191.42 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1.856.90	Dollars
	Factors 1856.90 Dollars									

Activity ID: 1EED5052 Description: B867 Decommissioning Characterization

						Cost Risk		1		Schedule Risk		2	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
2CHR	Type2 Bldg Characterization	2.81	msf	HC	83	233	5.111	15.664	0	20.775	1.788	22.563	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.368	4.368	0	4.368	
Total for Activity 1EED5052:						233	5.111	15.664	4.368	25.143	1.788	26.930	

Line Item 2CHR - Type2 Bldg Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p>											
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WBS No: 1EED0505
Activity ID: 1EED5052

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data:
Labor Hours: 94.1; Subcontracts: \$5,880.00; Supplies: \$453.60
Total Unit Cost: \$8,400.05

Adjusted Unit Cost:
Labor Hours: 93.159; Subcontracts: \$5,821.20; Supplies: \$449.06
Total Unit Cost: \$8,316.05
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.45Hours
Factors	8.46	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	75.40Hours
Factors	85.64	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	399.37Dollars
Factors	453.6	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.177.04Dollars
Factors	5880	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.008.13Dollars
Factors	3008.13	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.359.55Dollars
Factors	1359.55	Dollars					

Activity ID: 1EED5053 Description: B867 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	2.81	msf	HC	237	665	14,470	161,992	0	176,461	5,036	181,497
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	98,060	98,060	0	98,060
Total for Activity 1EED5053:						665	14,470	161,992	98,060	274,521	5,036	279,557

Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30
Total Unit Cost: \$71,350.00

Adjusted Unit Cost:
Labor Hours: 266.2011; Subcontracts: \$63,572.85; Supplies: \$1,271.46
Total Unit Cost: \$70,636.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0505
Activity ID: 1EED0503

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES	KE10H	Indust/Site Srvs Steelworkers	Linear	218.68	Hours
Factors	248.37	hours		0.99	RSOP					
						0.88934 ISYS 0614001 .88934200 - Svstem				
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	18.07	Hours
Factors	20.52	hours		0.99	RSOP					
						0.88934 ISYS 0614001 .88934200 - Svstem				
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	56.538.01	Dollars
Factors	64215	dollars		0.99	RSOP					
						0.88934 ISYS 0614001 .88934200 - Svstem				
	A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	1.130.76	Dollars
Factors	1284.3	dollars		0.99	RSOP					
						0.88934 ISYS 0614001 .88934200 - Svstem				

WBS No: 1EED0505
Activity ID: 1EED5054

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	27.219.07	Dollars
Factors	30915 dollars	0.99	RSOP					
						0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	544.38	Dollars
Factors	618.3 dollars	0.99	RSOP					
						0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	33.672.86	Dollars
Factors	33672.9 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	13.536.22	Dollars
Factors	13536.2 Dollars							

Activity ID: 1EED5055 Description: B867 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	2.81	msf	HC	0	0	0	41.426	0	41.426	0	41.426
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	22.382	22.382	0	22.382
Total for Activity 1EED5055:						0	0	41.426	22.382	63.807	0	63.807

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$16,582.50; Supplies: \$0.00
Total Unit Cost: \$16,582.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

	Cost Element		Skill		Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14.747.51	Dollars
Factors	16750 dollars	0.99	RSOP					
						0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	15.964.23	Dollars
Factors	15964.2 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	6.417.49	Dollars
Factors	6417.49 Dollars							

Activity ID: 1EED5056 Description: B867 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBik	Type 2 Masonry Bldg Demolition	2.81	msf	HC	0	0	0	41.673	0	41.673	0	41.673

WBS No: 1EED0505
Activity ID: 1EED5056

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	2.81	msf	HC	0	0	0	50.588	0	50.588	0	50.588
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	49.847	49.847	0	49.847
Total for Activity 1EED5056:					0	0	0	92.261	49.847	142.108	0	142.108

Line Item 2DEMBIk - Type 2 Masonry Bldg Demolition

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00 Total Unit Cost: \$16,850.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$16,681.50; Supplies: \$0.00 Total Unit Cost: \$16,681.50 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear			14.835.56	Dollars
Factors		16850	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item 2DEMBIkSlab - Type 2 Bldg Demolition Slab/Foundation

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear			18.009.18	Dollars
Factors		20250	dollars	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item SYS - Contingency And Escalation

BOE										
Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			35.554.54	Dollars
Factors		35554.5	Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear			14.292.63	Dollars
Factors		14292.6	Dollars							

WBS No: 1EED0506
Activity ID: 1EED5061

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

WBS No: 1EED0506	Title: B-868 Decommissioning
Activity ID: 1EED5061	Description: B868 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	2.13	msf	HC	56	120	3,234	16,485	0	19,719	1,126	20,845
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4,593	4,593	0	4,593
Total for Activity 1EED5061:						120	3,234	16,485	4,593	24,312	1,126	25,437

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00 Total Unit Cost: \$10,499.96 Adjusted Unit Cost: Labor Hours: 63.0333; Subcontracts: \$8,316.00; Supplies: \$374.22 Total Unit Cost: \$10,394.96 Adjustment Factor: 0.99 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	33.24	Hours
Factors	37.75	hours		0.99	RSOP		0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	22.82	Hours	
Factors	25.92	hours		0.99	RSOP		0.88934 [SYS 061400] .88934200 - System				
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	332.81	Dollars	
Factors	378	dollars		0.99	RSOP		0.88934 [SYS 061400] .88934200 - System				
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	7.395.77	Dollars	
Factors	8400	dollars		0.99	RSOP		0.88934 [SYS 061400] .88934200 - System				

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	3,182.73	Dollars
	Factors 3182.73 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1,410.03	Dollars
	Factors 1410.03 Dollars									

Activity ID: 1EED5062	Description: B868 Decommissioning Characterization
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Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CHR	Type2 Bldg Characterization	2.13	msf	HC	83	177	3,881	11,894	0	15,775	1,358	17,133
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3,317	3,317	0	3,317
Total for Activity 1EED5062:						177	3,881	11,894	3,317	19,092	1,358	20,449

Line Item 2CHR - Type2 Bldg Characterization

BOE	
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WBS No: 1EED0506
Activity ID: 1EED5062

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 94.1; Subcontracts: \$5,880.00; Supplies: \$453.60
Total Unit Cost: \$8,400.05

Adjusted Unit Cost:

Labor Hours: 93.159; Subcontracts: \$5,821.20; Supplies: \$449.06
Total Unit Cost: \$8,316.05
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	7.45	Hours
Factors	8.46 hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem				
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	75.40	Hours
Factors	85.64 hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem				
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	399.37	Dollars
Factors	453.6 dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.177.04	Dollars
Factors	5880 dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem				

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2.284.21	Dollars
Factors	2284.21 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.032.37	Dollars
Factors	1032.37 Dollars							

Activity ID: 1EED5063

Description: B868 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	2.13	msf	HC	237	505	10.988	123.007	0	133.995	3.824	137.819
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	74.461	74.461	0	74.461
Total for Activity 1EED5063:						505	10.988	123.007	74.461	208.456	3.824	212.280

Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30

WBS No: 1EED0506
Activity ID: 1EED5063

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total Unit Cost: \$71,350.00	
Adjusted Unit Cost:	
Labor Hours: 266.2011; Subcontracts: \$63,572.85; Supplies: \$1,271.46	
Total Unit Cost: \$70,636.50	
Adjustment Factor: 0.99	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	218.68	Hours
Factors	248.37	hours		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	18.07	Hours	
Factors	20.52	hours		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	56.538.01	Dollars	
Factors	64215	dollars		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	1.130.76	Dollars	
Factors	1284.3	dollars		0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	53.111.16	Dollars
	Factors		53111.2 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	21.350.26	Dollars
	Factors		21350.3 Dollars							

Activity ID: 1EED5064 Description: B868 Decommissioning Decontamination

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb	Type2 Bldg w/Asbestos Decontamination	2.13	msf	HC	109	232	5,290	59,219	0	64,509	1,841	66,350
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	35,848	35,848	0	35,848
Total for Activity 1EED5064:						232	5,290	59,219	35,848	100,357	1,841	102,198

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data:									
	Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30									
	Total Unit Cost: \$34,350.03									
	Adjusted Unit Cost:									
	Labor Hours: 122.2254; Subcontracts: \$30,605.85; Supplies: \$612.12									
	Total Unit Cost: \$34,006.53									
	Adjustment Factor: 0.99									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

WBS No: 1EED0506
Activity ID: 1EED5064

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.68	Hours
Factors	18.94 dollars		0.99 RSOP					
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	92.02	Hours
Factors	104.52 hours		0.99 RSOP					
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	27.219.07	Dollars
Factors	30915 dollars		0.99 RSOP					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	544.38	Dollars
Factors	618.3 dollars		0.99 RSOP					
0.88934 [SYS 061400] .88934200 - Svsstem								
0.88934 [SYS 061400] .88934200 - Svsstem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	25.569.31	Dollars
Factors	25569.3 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	10.278.66	Dollars
Factors	10278.7 Dollars				

Activity ID: 1EED5065 Description: B868 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	2.13	msf	HC	0	0	0	31.456	0	31.456	0	31.456
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	16.995	16.995	0	16.995
Total for Activity 1EED5065:						0	0	31.456	16.995	48.452	0	48.452

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$16,582.50; Supplies: \$0.00
Total Unit Cost: \$16,582.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	14.747.51	Dollars
Factors	16750 dollars				
	0.99 RSOP				

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	12.122.36	Dollars
Factors	12122.4 Dollars				

WBS No: 1EED0506
Activity ID: 1EED5065

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4.873.09	Dollars
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Factors 4873.09 Dollars

Activity ID: 1EED5066 Description: B868 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMMMod	Type 2 Modular Bldg Demolition	2.13	msf	HC	0	0	0	24.132	0	24.132	0	24.132
2DEMMModSlab	Type 2 Modular Bldg Demolition Slab/Foundation	2.13	msf	HC	0	0	0	38.414	0	38.414	0	38.414
ISYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	33.793	33.793	0	33.793
Total for Activity 1EED5066:						0	0	62.546	33.793	96.338	0	96.338

Line Item 2DEMMMod - Type 2 Modular Bldg Demolition

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$12,850.00; Supplies: \$0.00 Total Unit Cost: \$12,850.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$12,721.50; Supplies: \$0.00 Total Unit Cost: \$12,721.50 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	11.313.76	Dollars
Factors	12850 dollars	0.99 RSOP				

0.88934 ISYS 0614001.88934200 - Svstem

Line Item 2DEMMModSlab - Type 2 Modular Bldg Demolition Slab/Foundation

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	18.009.18	Dollars
Factors	20250 dollars					

0.88934 ISYS 0614001.88934200 - Svstem

WBS No: 1EED0506
Activity ID: 1EED5066

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	24.103.27 Dollars
Factors		24103.3 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.689.32 Dollars
Factors		9689.32 Dollars					

WBS No: 1EED0507 Title: B-863 Decommissioning
Activity ID: 1EED5071 Description: B863 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	0.40	msf	HC	27	11	299	1.462	0	1.761	104	1.865
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	411	411	0	411
Total for Activity 1EED5071:						11	299	1.462	411	2.172	104	2.276

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00

Total Unit Cost: \$5,000.02

Adjusted Unit Cost:

Labor Hours: 29.8089; Subcontracts: \$3,960.00; Supplies: \$148.50

Total Unit Cost: \$4,950.01

Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	17.50 Hours
Factors		19.88 hours 0.99 RSOP					
0.88934 [SYS 061400] .88934200 - System							
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	9.01 Hours
Factors		10.23 hours 0.99 RSOP					
0.88934 [SYS 061400] .88934200 - System							
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	132.07 Dollars
Factors		150 Dollars 0.99 RSOP					
0.88934 [SYS 061400] .88934200 - System							
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.521.79 Dollars
Factors		4000 Dollars 0.99 RSOP					
0.88934 [SYS 061400] .88934200 - System							

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	284.78 Dollars
Factors		284.78 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	126.16 Dollars
Factors		126.165 Dollars					

WBS No: 1EED0507
Activity ID: 1EED5072

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Activity ID: 1EED5072 Description: B863 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	0.40	msf	HC	65	26	563	2.087	0	2.650	197	2.847
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	551	551	0	551
Total for Activity 1EED5072:						26	563	2.087	551	3.202	197	3.399

Line Item 1CHR - Type1 Bldg Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63 Total Unit Cost: \$2,150.12</p> <p>Adjusted Unit Cost: Labor Hours: 20.8593; Subcontracts: \$1,596.38; Supplies: \$79.82 Total Unit Cost: \$2,128.62 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	4.53	Hours
Factors	1.47	Hours	0.99	RSOP	3.5	B863 Type 1 Char Adi	
		0.88934 [SYS 061400] .88934200 - Svsstem					
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	60.40	Hours
Factors	19.6	hours	0.99	RSOP	3.5	B863 Type 1 Char Adi	
		0.88934 [SYS 061400] .88934200 - Svsstem					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	248.47	Dollars
Factors	80.63	dollars	0.99	RSOP	3.5	B863 Type 1 Char Adi	
		0.88934 [SYS 061400] .88934200 - Svsstem					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	4.969.03	Dollars
Factors	1612.5	dollars	0.99	RSOP	3.5	B863 Type 1 Char Adi	
		0.88934 [SYS 061400] .88934200 - Svsstem					

Line Item SYS - Contingency And Escalation

BOE							
Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	379.63	Dollars
Factors	379.63	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	171.58	Dollars
Factors	171.576	Dollars					

Activity ID: 1EED5073 Description: B863 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.40	msf	HC	68	27	575	6.074	0	6.649	200	6.849
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.701	3.701	0	3.701
Total for Activity 1EED5073:						27	575	6.074	3.701	10.350	200	10.550

Line Item 1DIS - Type1 Bldg Dismantlement

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the</p>											
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WBS No: 1EED0507
Activity ID: 1EED5073

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 76.93001; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:

Labor Hours: 76.16071; Subcontracts: \$16,795.35; Supplies: \$279.92
Total Unit Cost: \$18,691.58
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	65.26	Hours
Factors 74.12 hours		0.99 RSOP		0.88934 [SYS 061400] .88934200 - Svsstem				
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.47	Hours
Factors 2.81 hours		0.99 RSOP		0.88934 [SYS 061400] .88934200 - Svsstem				
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	14.936.81	Dollars
Factors 16965 dollars		0.99 RSOP		0.88934 [SYS 061400] .88934200 - Svsstem				
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	248.95	Dollars
Factors 282.75 dollars		0.99 RSOP		0.88934 [SYS 061400] .88934200 - Svsstem				

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2.639.54	Dollars
Factors 2639.54 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.061.07	Dollars
Factors 1061.08 Dollars								

Activity ID: 1EED5074

Description: B863 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECAsb	Type 1 Bldg w/ Asbestos Decontamination	0.40	msf	HC	114	46	972	10.264	0	11.236	338	11.574
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.253	6.253	0	6.253
Total for Activity 1EED5074:						46	972	10.264	6.253	17.490	338	17.828

Line Item 1DECAsb - Type 1 Bldg w/ Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 129.99; Subcontracts: \$28,665.00; Supplies: \$478.00
Total Unit Cost: \$31,904.23

WBS No: 1EED0507
Activity ID: 1EED5074

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost:
Labor Hours: 128.6901; Subcontracts: \$28,378.35; Supplies: \$473.22
Total Unit Cost: \$31,585.18
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.18	Hours
Factors	4.75	hours	0.99	RSOP					
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	110.27	Hours
Factors	125.24	hours	0.99	RSOP					
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	25.238.06	Dollars
Factors	28665	dollars	0.99	RSOP					
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	420.85	Dollars
Factors	478	dollars	0.99	RSOP					
							0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.460.43	Dollars
Factors	4460.43	Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.793.06	Dollars
Factors	1793.06	Dollars							

Activity ID: 1EED5075 Description: B863 Decommissioning Final Surveys

Activity ID: 1EED5075		Description: B863 Decommissioning Final Surveys						Cost Risk	2	Schedule Risk	2	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	0.40	msf	HC	0	0	0	1.497	0	1.497	0	1.497
2ESSAsb	Type2 Bldg w/ Asbestos Final Status Survey	0.40	msf	HC	0	0	0	5.899	0	5.899	0	5.899
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	3.996	3.996	0	3.996
Total for Activity 1EED5075:						0	0	7.396	3.996	11.392	0	11.392

WBS No: 1EED0507
Activity ID: 1EED5075

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,741.91	Dollars
Factors	4250 dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$16,582.50; Supplies: \$0.00
Total Unit Cost: \$16,582.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	14,747.51	Dollars
Factors	16750 dollars	0.99 RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	2,850.10	Dollars
Factors	2850.10 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	1,145.72	Dollars
Factors	1145.72 Dollars				

Activity ID: 1EED5076

Description: B863 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	0.40	msf	HC	0	0	0	5,600	0	5,600	0	5,600
1DEMSlabBlk	Type 1 Bldg Demolition Slab/Foundation	0.40	msf	HC	0	0	0	5,212	0	5,212	0	5,212
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	5,841	5,841	0	5,841
Total for Activity 1EED5076:						0	0	10,811	5,841	16,652	0	16,652

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00
Total Unit Cost: \$15,900.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$15,741.00; Supplies: \$0.00

WBS No: 1EED0507
Activity ID: 1EED5076

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total Unit Cost: \$15,741.00
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.999.13
Factors		15900 dollars	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item 1DEM**SlabBlk - Type 1 Bldg Demolition Slab/Foundation**

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.028.86
Factors		14650 dollars					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	4.166.31	Dollars
	Factors 4166.31 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1.674.82	Dollars
	Factors 1674.82 Dollars									

WBS No: 1EED0508		Title: 865 Cluster Tank Decommissioning										
Activity ID: 1ETK024100		Description: Tank TK024 Decommissioning				Cost Risk 4			Schedule Risk 4			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETK024100:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Tank Breakdown of Historical Data: Item - Removal of Tank Units - 1lot Unit Cost - \$8,505 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A											
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WBS No: 1EED0508
Activity ID: 1ETK024100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	7.820.85	Dollars
Factors		8504.81 Dollars		1.034 -- FY00 Escalation --					

Activity ID: 1ETK026100 Description: Tank TK026 Decommissioning

Cost Risk 0.88934 [SYS 061400] .88934200 - Svsstem
Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETK026100:						0	0	0	0	0	0	0

Line Item 100 - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Tank Breakdown of Historical Data: Item - Removal of Tank Units - 1lot Unit Cost - \$8,505 Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	7.820.85	Dollars
Factors		8504.81 Dollars		1.034 -- FY00 Escalation --					

Activity ID: 1ETK252100 Description: Tank TK252 Decommissioning

Cost Risk 0.88934 [SYS 061400] .88934200 - Svsstem
Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1,106	1,106	0	1,106
Tank	Tank Decommissioning	8,504.81	ea	HC	0	0	0	7,564	0	7,564	0	7,564
Total for Activity 1ETK252100:						0	0	7,564	1,106	8,669	0	8,669

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	379.56	Dollars
	Factors		379.559 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	726.24	Dollars
	Factors		726.237 Dollars							

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data:
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WBS No: 1EED0508
Activity ID: 1ETK252100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$						

Activity ID: 1ETKX25100 Description: Tank TKX25 Decommissioning

0.88934 [SYS 061400] .88934200 - Svsstem
Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	502	502	0	502
Tank	Tank Decommissioning	3.864.60	ea	HC	0	0	0	3.437	0	3.437	0	3.437
Total for Activity 1ETKX25100:						0	0	3.437	502	3.939	0	3.939

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	172.47	Dollars
Factors		172.472	Dollars						
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	330.00	Dollars
Factors		330.003	Dollars						

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED06 Title: 886 Cluster Decommissioning

Activity ID: 1EED0130 Description: 886 Cluster Decommissioning Project Management

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E886DGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
C886OPS010-1E8	886 Cluster Removal Project Management Team 00	1.00	ea	EE	20.171	20.171	876.819	486.318	0	1.363.137	303.379	1.666.516

WBS No: 1EED06
Activity ID: 1EED0130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

C886OPS100-1E8	886 Cluster Removal Project Management Team 01	1.00	ea	EE	18.064	18.064	806.523	992.878	0	1.799.401	279.057	2.078.458
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.051.258	1.051.258	0	1.051.258
TrlrPMGPost89-1	Trailer (89 and later) Project Management	6.00	msf	HC	8	45	1.030	5.536	0	6.566	356	6.922
TrlrPMGPost89-1	Trailer (89 and later) Project Management	2.00	msf	HC	8	15	343	1.845	0	2.189	119	2.307
Total for Activity 1EED0130:						38.295	1.684.714	1.486.578	1.051.258	4.222.551	582.911	4.805.462

Line Item 100-1E886DGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123 and removing gloveboxes in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 0 Dated August 28, 1998. Item Desc - Decommissioning Project Management Breakdown of Historical Data: Item - Project Management Units - lmsf Unit Cost - 19.54 hrs, \$2,400 subcontracts, \$5.14 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried		Linear	3.66	Hours
	Factors 4.11 Hours									
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried		Linear	6.55	Hours
	Factors 7.37 Hours									
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program		Linear	2.29	Hours
	Factors 2.57 Hours									
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	3.05	Hours
	Factors 3.43 Hours									
	750	STRAIGHT TIME BASE	P050	COMPLIANCE INSPECTORS	R100S	RMRS Salaried		Linear	1.83	Hours
	Factors 2.06 Hours									
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried		Linear	4.64	Dollars
	Factors 5.14 Dollars									
	A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program		Linear	1.091.57	Dollars
	Factors 1200 Dollars									
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried		Linear	1.091.57	Dollars
	Factors 1200 Dollars									
	0.88934 [SYS 061400] .88934200 - System									

Line Item C886OPS010-1E8867000 - 886 Cluster Removal Project Management Team 00

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: 886 Cluster Removal Project Management Team in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - 886 Cluster Removal Project Management Team Units - Hours, Dollars Unit Cost - 905, 1810, 1810, 1810, 905, 3620, 402, 7240, 1810, 79000.00, 607500.00, 135,000.00, 67500.00, 202,500.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A											
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WBS No: 1EED06
Activity ID: 1EED0130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER		S100S	SSOC Salaried	Linear	387.56	Hours
Factors	453	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	1,548.54	Hours
Factors	1810	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	387.56	Hours
Factors	453	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	1,548.54	Hours
Factors	1810	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill	Linear	774.27	Hours
Factors	905	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	774.27	Hours
Factors	905	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	7,742.70	Hours
Factors	9050	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	1,548.54	Hours
Factors	1810	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	344.79	Hours
Factors	403	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	1,548.54	Hours
Factors	1810	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE		R100S	RMRS Salaried	Linear	344.79	Hours
Factors	403	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	T060	D&D HAZ REDUC TECH / RISK RED		R100S	RMRS Salaried	Linear	387.56	Hours
Factors	453	Hours	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
751	OVERTIME BASE & PRE.	T050	RADIATION CONTROL TECHNOLIGI		R100S	RMRS Salaried	Linear	1,348.19	Hours
Factors	1575.82	Hours OT	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
751	OVERTIME BASE & PRE.	T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	1,484.95	Hours
Factors	1735.67	Hours OT	0.962	January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
A5H	SUBCONTRACTED SRVS	0000	NONE		K100S	Kaiser-Hill	Linear	59,067.84	Dollars
Factors	67500	Hours	1.02283 -- FY00 Escalation --	0.962 January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		
A5H	SUBCONTRACTED SRVS	0000	NONE		R100S	RMRS Salaried	Linear	1,583.89	Dollars
Factors	1810	Hours	1.02283 -- FY00 Escalation --	0.962 January 2000 Earned Value Factor			0.88934 [SYS 061400] .88934200 - Svstem		

WBS No: 1EED06
Activity ID: 1EED0130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	29,533.92	Dollars
Factors	33750 Dollars		1.02283 -- FY00 Escalation --	0.962	January 2000 Earned Value Factor			
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	118,135.70	Dollars
Factors	135000 Dollars		1.02283 -- FY00 Escalation --	0.962	January 2000 Earned Value Factor			
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	277,996.90	Dollars
Factors	317682 Dollars		1.02283 -- FY00 Escalation --	0.962	January 2000 Earned Value Factor			
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item C886OPS100-1E8867001 - 886 Cluster Removal Project Management Team 01

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: 886 Cluster Removal Project Management Team in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - 886 Cluster Removal Project Management Team
Units - Hours, Dollars
Unit Cost - 905, 1810, 1810, 1810, 905, 3620, 402, 7240, 1810, 79000.00, 607500.00, 135,000.00, 67500.00, 202,500.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E050	ENVIRONMENTAL ENGINEERS	R100S	RMRS Salaried	Linear	804.85	Hours
Factors	905 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	1,609.71	Hours
Factors	1810 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1,609.71	Hours
Factors	1810 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1,609.71	Hours
Factors	1810 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	804.85	Hours
Factors	905 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	357.52	Hours
Factors	402 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	3,219.42	Hours
Factors	3620 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	6,438.84	Hours
Factors	7240 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	1,609.71	Hours
Factors	1810 Hours							
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	K100S	Kaiser-Hill	Linear	71,862.01	Dollars
Factors	79000 Dollars		1.02283 -- FY00 Escalation --					
						0.88934	[SYS 061400]	.88934200 - Svstem

WBS No: 1EED06
Activity ID: 1EED0130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	552,609.80	Dollars
Factors	607500 Dollars	1.02283	-- FY00 Escalation --					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	61,401.08	Dollars
Factors	67500 Dollars	1.02283	-- FY00 Escalation --					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	122,802.20	Dollars
Factors	135000 Dollars	1.02283	-- FY00 Escalation --					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	184,203.30	Dollars
Factors	202500 Dollars	1.02283	-- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	763,366.40	Dollars
Factors	763366 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	287,892.10	Dollars
Factors	287892 Dollars				

Line Item TrlrPMGPost89-1E886B - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44

Adjusted Unit Cost:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	1.65	Hours
Factors	1.86 hours				
750 STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	4.65	Hours
Factors	5.23 hours				
750 STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	1.02	Hours
Factors	1.15 hours				
750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.18	Hours
Factors	0.2 hours				
A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	33.35	Dollars
Factors	37.5 dollars				
0.88934 [SYS 061400] .88934200 - Svstem					

WBS No: 1EED06
Activity ID: 1EED0130

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrPMGPost89-1E886C - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44

Adjusted Unit Cost:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors	1.86	hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	4.65	Hours
Factors	5.23	hours				

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	1.02	Hours
Factors	1.15	hours				

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.18	Hours
Factors	0.2	hours				

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED0135 Description: 886 Cluster Decommissioning Support Services

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E886BHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E886CHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E886DHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
C886SS010-1E88	Project Support	1.00	ea	EE	6.834	6.834	154.587	262.836	0	417.422	53.487	470.909
C886SS015-1E88	Project Support	1.00	ea	EE	9.745	9.745	230.813	474.276	0	705.089	79.861	784.950
C886SS025-1E88	Miscellaneous Supplies & Subcontracts	1.00	ea	EE	0	0	0	261.313	0	261.313	0	261.313
C886SS055-1E88	Air Quality Monitoring	1.00	ea	EE	0	0	0	31.838	0	31.838	0	31.838
C886SS060-1E88	Surveillance & Maintenance	1.00	ea	EE	940	940	18.813	0	0	18.813	6.509	25.322
C886SS065-1E88	Surveillance & Maintenance	1.00	ea	EE	784	784	15.678	0	0	15.678	5.424	21.102
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	446.756	446.756	0	446.756

WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total for Activity 1EED0135:

18.303	419.890	1.030.262	446.756	1.896.909	145.282	2.042.191
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Line Item 100-1E886BHSUS - Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 20.21 hrs, \$1,500 subcontracts, \$75 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.12	Hours
Factors	0.14	Hours						
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.19	Hours
Factors	0.21	Hours						
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.92	Hours
Factors	1.04	Hours						
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	14.23	Hours
Factors	16	Hours						
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	2.51	Hours
Factors	2.82	Hours						
0.88934 [SYS 061400] .88934200 - System								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	67.70	Dollars
Factors	75	Dollars	1.015 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - System								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.364.47	Dollars
Factors	1500	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - System								

Line Item 100-1E886CHSUS - Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 20.21 hrs, \$1,500 subcontracts, \$75 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.12	Hours
Factors	0.14	Hours						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.92	Hours
Factors	1.04	Hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.19	Hours
Factors	0.21	Hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	14.23	Hours
Factors	16	Hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	2.51	Hours
Factors	2.82	Hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	67.70	Dollars
Factors	75	Dollars	1.015	-- FY00 Escalation --				
						0.88934	ISYS 0614001	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,364.47	Dollars
Factors	1500	Dollars	1.02283	-- FY00 Escalation --				
						0.88934	ISYS 0614001	.88934200 - Svstem

Line Item 100-1E886DHSUS - Support Services

BOE	Historical Data Source - The costs for Decommissioning B123 and removing gloveboxes in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 0 Dated August 28, 1998. Item Desc - Decommissioning Support Services Breakdown of Historical Data: Item - Support Services Units - lmsf Unit Cost - 14.52 hrs, \$1,500 subcontracts, \$2.33 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	K100S	Kaiser-Hill	Linear	1.59	Hours
Factors	1.79	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried		Linear	1.59	Hours
Factors	1.79	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	C210S	Facilities Mgmt & Maintenance		Linear	2.10	Hours
Factors	2.36	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K238S	Radiation Protection		Linear	1.59	Hours
Factors	1.79	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	K252S	Engineering		Linear	1.59	Hours
Factors	1.79	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried		Linear	1.59	Hours
Factors	1.79	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill		Linear	0.63	Hours
Factors	0.71	Hours	0.88934 ISYS 0614001 .88934200 - Svstem						

WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	0.63	Hours
Factors	0.71	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	C210S	Facilities Mamt & Maintenance	Linear	2.10	Dollars
Factors	2.33	Dollars	1.015	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	K100S	Kaiser-Hill	Linear	1.364.47	Dollars
Factors	1500	Dollars	1.02283	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	E110	QUALITY CONTROL ENGINEERS	R100S	RMRS Salaried	Linear	52.54	Dollars
Factors	57.7633	Prime Dollars	1.02283	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item C886SS010-1E88680006 - Project Support

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Project Support in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Project Support
Units - Hours, Dollars
Unit Cost - 772.9, 1433.7, 377.6, 534.54, 573.48, 1534, 3.54, 1003, 1185.9, 4271.6, 100452.80, 57342.00, 50000.00, 10834.00, 10000.00, 155000.00, 15000.00, 44485.00, 135000.00, 1516.3
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		L060	MISSION SUP SPEC II (FLTTC. WS	C211S	Electrical Maintenance	Linear	1,275.05	Hours
Factors	1433.7	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		L060	MISSION SUP SPEC II (FLTTC. WS	C260S	Filter Svstems	Linear	687.37	Hours
Factors	772.9	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP	C220S	Utility Operations	Linear	335.82	Hours
Factors	377.6	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	177.87	Hours
Factors	200	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	475.39	Hours
Factors	534.54	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	133.40	Hours
Factors	150	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		R070	WASTE TREATMENT OPERATOR A	R100S	RMRS Salaried	Linear	95.31	Hours
Factors	107.17	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		T070	MAINT. TECHS. (INSTRUMENT TEC	R100S	RMRS Salaried	Linear	3,653.42	Hours
Factors	4108	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	197,523.10	Dollars
Factors	218818	Dollars	1.015 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	K267S	Analytical Laboratory Services	Linear	22,741.14	Dollars
Factors	25000	Dollars	1.02283	-- FY00 Escalation --				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	18,192.91	Dollars
Factors	20000	Dollars	1.02283	-- FY00 Escalation --				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	18,192.91	Dollars
Factors	20000	Dollars	1.02283	-- FY00 Escalation --				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4,730.16	Dollars
Factors	5200	Dollars	1.02283	-- FY00 Escalation --				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,455.43	Dollars
Factors	1600	Dollars	1.02283	-- FY00 Escalation --				
0.88934 [SYS 061400] .88934200 - System								

Line Item C886SS015-1E88680010 - Project Support

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Project Support in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Project Support
Units - Hours, Dollars
Unit Cost - 681, 1362, 340.5, 454, 454, 1534, 3.54, 908, 1135, 4086, 90407.50, 51608.00, 45000.00, 10834.00, 9000.00, 139500.00, 13500.00, 40036.00, 121500.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	L060	MISSION SUP SPEC II (FLTTC	WS	C211S	Electrical Maintenance	Linear	1,211.28	Hours
Factors	1362	Hours							
750	STRAIGHT TIME BASE	L060	MISSION SUP SPEC II (FLTTC	WS	C260S	Filter Systems	Linear	605.64	Hours
Factors	681	Hours							
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP		C220S	Utility Operations	Linear	302.82	Hours
Factors	340.5	Hours							
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	403.76	Hours
Factors	454	Hours							
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	403.76	Hours
Factors	454	Hours							
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE		R100S	RMRS Salaried	Linear	1,364.25	Hours
Factors	1534	Hours							
750	STRAIGHT TIME BASE	R070	WASTE TREATMENT OPERATOR A		R100S	RMRS Salaried	Linear	3.15	Hours
Factors	3.54	Hours							
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	1,009.40	Hours
Factors	1135	Hours							
0.88934 [SYS 061400] .88934200 - System									

WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T070	MAINT. TECHS. (INSTRUMENT TEC	R100S	RMRS Salaried	Linear	3,633.85	Hours
Factors	4086	Hours						
						0.88934 [SYS 061400]	.88934200 - Svstem	
750	STRAIGHT TIME BASE	T070	MAINT. TECHS. (INSTRUMENT TEC	S100S	SSOC Salaried	Linear	807.52	Hours
Factors	908	Hours						
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	C100S	Closure Site Services	Linear	82,238.79	Dollars
Factors	90407.5	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	K263S	Fire Tactical Operations	Linear	46,945.00	Dollars
Factors	51608	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	K267S	Analytical Laboratory Services	Linear	40,934.05	Dollars
Factors	45000	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	K285S	Communications	Linear	9,855.10	Dollars
Factors	10834	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	126,895.60	Dollars
Factors	139500	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	12,280.22	Dollars
Factors	13500	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	110,522.00	Dollars
Factors	121500	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	36,418.57	Dollars
Factors	40036	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	8,186.81	Dollars
Factors	9000	Dollars	1.02283 -- FY00 Escalation --					
						0.88934 [SYS 061400]	.88934200 - Svstem	

Line Item C886SS025-1E88680010 - Miscellaneous Supplies & Subcontracts

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Miscellaneous Supplies and Subcontracts in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Miscellaneous Supplies and Subcontracts Units - Dollars Unit Cost - 289485.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources										
	Cost Element			Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	261,312.90	Dollars
Factors	289485	Dollars		1.015	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SS055-1E88680010 - Air Quality Monitoring

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
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WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

Costs included in this activity are: Air Quality Monitoring in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Air Quality Monitoring
Units - Dollars
Unit Cost - 35000.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	K109S	Env Sys. Stewardship & Compliance	Linear	31.837.60Dollars
Factors	35000	Dollars	1.02283	-- FY00 Escalation --			
					0.88934	[SYS 061400] .88934200 - Svstem	

Line Item C886SS060-1E88680006 - Surveillance & Maintenance

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Project Support in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Project Support Units - Hours, Dollars Unit Cost - 681, 1362, 340.5, 454, 454, 1534, 3.54, 908, 1135, 4086, 90407.50, 51608.00, 45000.00, 10834.00, 9000.00, 139500.00, 13500.00, 40036.00, 121500.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	C211S	Electrical Maintenance	Linear	101.65Hours
Factors	114.3	Hours					
					0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	L090	GENERAL LABORER	C100S	Closure Site Services	Linear	42.37Hours
Factors	47.64	Hours					
					0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	L090	GENERAL LABORER	C242S	Transportation	Linear	254.00Hours
Factors	285.6	Hours					
					0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	C100S	Closure Site Services	Linear	101.65Hours
Factors	114.3	Hours					
					0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	R100S	RMRS Salaried	Linear	220.38Hours
Factors	247.8	Hours					
					0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	R070	WASTE TREATMENT OPERATOR A	R100S	RMRS Salaried	Linear	220.38Hours
Factors	247.8	Hours					
					0.88934	[SYS 061400] .88934200 - Svstem	

Line Item C886SS065-1E88680010 - Surveillance & Maintenance

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Surveillance and Maintenance in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Surveillance and Maintenance Units - Hours Unit Cost - 95.25, 39.7, 238, 95.25, 206.5, 206.5						

WBS No: 1EED06
Activity ID: 1EED0135

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	C211S	Electrical Maintenance	Linear	84.71	Hours
Factors 95.25 Hours		0.88934 [SYS 061400] .88934200 - Ssystem						
750	STRAIGHT TIME BASE	L090	GENERAL LABORER	C100S	Closure Site Services	Linear	35.31	Hours
Factors 39.7 Hours		0.88934 [SYS 061400] .88934200 - Ssystem						
750	STRAIGHT TIME BASE	L090	GENERAL LABORER	C242S	Transportation	Linear	211.66	Hours
Factors 238 Hours		0.88934 [SYS 061400] .88934200 - Ssystem						
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	C100S	Closure Site Services	Linear	84.71	Hours
Factors 95.25 Hours		0.88934 [SYS 061400] .88934200 - Ssystem						
750	STRAIGHT TIME BASE	P170	OTHER ADMINISTRATIVE & PROFE	R100S	RMRS Salaried	Linear	183.65	Hours
Factors 206.5 Hours		0.88934 [SYS 061400] .88934200 - Ssystem						
750	STRAIGHT TIME BASE	R070	WASTE TREATMENT OPERATOR A	R100S	RMRS Salaried	Linear	183.65	Hours
Factors 206.5 Hours		0.88934 [SYS 061400] .88934200 - Ssystem						

Line Item SYS - Contingency And Escalation

BOE

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	324.410.00	Dollars
Factors 324410 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	122.346.30	Dollars
Factors 122346 Dollars								

WBS No: 1EED0601	Title: B-886 Decommissioning	Cost Risk 1	Schedule Risk 2
Activity ID: 1E88600010	Description: B886 Project Closeout FY00		

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
PROJCLS014	Project Support Infrastructure Removal	1.00	each	EE	756	756	28.032	26.744	0	54.776	7.905	62.681
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	8.950	8.950	0	8.950
Total for Activity 1E88600010:						756	28.032	26.744	8.950	63.726	7.905	71.631

Line Item PROJCLS014 - Project Support Infrastructure Removal

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Removal of installed project support trailers, disconnect utilities etc. in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Removal of installed project support trailers, disconnect utilities etc. Units - Dollars, Hours Unit Cost - 15000.00, 14400.00, 212.4, 212.4, 424.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A												
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88600010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	188.90	Hours
Factors	212.4	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	188.90	Hours
Factors	212.4	Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	377.79	Hours
Factors	424.8	Hours						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	13.098.90	Dollars
Factors	14400	Dollars	1.02283 -- FY00 Escalation --					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	13.644.69	Dollars
Factors	15000	Dollars	1.02283 -- FY00 Escalation --					
0.88934 [SYS 061400] .88934200 - Ssystem								
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources

	Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear		2.931.65	Dollars
Factors	2931.65	Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear		6.018.38	Dollars
Factors	6018.38	Dollars							

Activity ID: 1E88600020 Description: B886 Project Closeout FY01

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
PROJCLS012	IHSS Characterizations	1.00	ea	EE	0	0	0	227.411	0	227.411	0	227.411
PROJCLS013	IHSS Characterization Report	1.00	ea	EE	27	27	1.426	0	0	1.426	402	1.828
PROJCLS014	Project Support Infrastructure Removal	1.00	ea	EE	1.511	1.511	43.491	26.744	0	70.235	12.265	82.500
PROJCLS020	Project Closeout Documentation	1.00	ea	EE	1.467	1.467	38.490	83.384	0	121.875	10.854	132.729
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	63.464	63.464	0	63.464
Total for Activity 1E88600020:						3.005	83.408	337.540	63.464	484.412	23.521	507.933

Line Item PROJCLS012 - IHSS Characterizations

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: IHSS Characterization in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

- Item - IHSS Characterization
- Units - Dollars
- Unit Cost - 250000.00
- Unit Cost Adjustment factor - None
- Revised Unit Cost - N/A
- Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear		227.411.40	Dollars
Factors	250000	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item PROJCLS013 - IHSS Characterization Report

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare IHSS characterization report in support of the 886 Cluster Removal Project.

WBS No: 1EED0601
Activity ID: 1E88600020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Breakdown of Cost Data:
Item - Prepare IHSS characterization report
Units - Hours
Unit Cost - 30
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	26.68	Hours
Factors		30	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item PROJCLS014 - Project Support Infrastructure Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Project support infrastructure removal in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Project support infrastructure removal Units - Hours, Dollars Unit Cost - 212.4, 212.4, 424.8, 849.6, 15000.00, 14400.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	188.90	Hours
Factors	212.4	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	188.90	Hours	
Factors	212.4	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	377.79	Hours	
Factors	424.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T060	D&D HAZ REDUC TECH / RISK RED	C221S	Steam Plant Operations	Linear	755.58	Hours	
Factors	849.6	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	13.644.69	Dollars	
Factors	15000	Dollars	1.02283 -- FY00 Escalation --						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	13.098.90	Dollars	
Factors	14400	Dollars	1.02283 -- FY00 Escalation --						
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item PROJCLS020 - Project Closeout Documentation

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Project closeout documentation in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Project closeout documentation Units - Hours, Dollars Unit Cost - 177, 704, 528, 241, 22667.00, 34000.00, 35000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A								

WBS No: 1EED0601
Activity ID: 1E88600020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		P170	OTHER ADMINISTRATIVE & PROFE	K311S	D&D Program	Linear	157.41	Hours
Factors	177	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE		P170	OTHER ADMINISTRATIVE & PROFE	R100S	RMRS Salaried	Linear	214.33	Hours
Factors	241	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE		P170	OTHER ADMINISTRATIVE & PROFE	R100S	RMRS Salaried	Linear	626.10	Hours
Factors	704	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE		P170	OTHER ADMINISTRATIVE & PROFE	R100S	RMRS Salaried	Linear	469.57	Hours
Factors	528	Hours	0.88934 [SYS 061400] .88934200 - System						
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	20,618.94	Dollars
Factors	22667	Dollars	1.02283 -- FY00 Escalation --						
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	30,927.95	Dollars
Factors	34000	Dollars	1.02283 -- FY00 Escalation --						
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	31,837.60	Dollars
Factors	35000	Dollars	1.02283 -- FY00 Escalation --						
0.88934 [SYS 061400] .88934200 - System									

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	20,788.25	Dollars
Factors	20788.3	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	42,676.19	Dollars
Factors	42676.2	Dollars						

Activity ID: 1E88611005 Description: B886 Rm 101 Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101PE010	Engineerina Assembly Hood	1.00	ea	EE	0	0	0	6,140	0	6,140	0	6,140
R101PE020	Engineerina - Dispo Shielding Blocks	1.00	ea	EE	0	0	0	3,070	0	3,070	0	3,070
R101PE030	IWCP/AHA/AJR/RWP Assmbly Hood	1.00	ea	EE	126	126	5,125	0	0	5,125	1,773	6,898
R101PE040	Engineerina - Ventilation Removal	1.00	ea	EE	0	0	0	6,140	0	6,140	0	6,140
R101PE050	Engineerina Mezzanine	1.00	ea	EE	0	0	0	12,280	0	12,280	0	12,280
R101PE060	IWCP - Dispo Shielding Blocks	1.00	ea	EE	40	40	1,139	0	0	1,139	394	1,534
R101PE070	IWCP/AHA/AJR/RWP - Mezzanine	1.00	ea	EE	101	101	2,982	0	0	2,982	1,032	4,013
R101PE080	ORC - Shielding Blocks	1.00	ea	EE	12	12	618	0	0	618	214	832
R101PE090	ORC - Assembly Hood	1.00	ea	EE	12	12	618	0	0	618	214	832
R101PE100	IWCP/AHA/AJR/RWP Ventilation Removal	1.00	ea	EE	88	88	2,609	0	0	2,609	903	3,512
R101PE110	Engineerina - Crane	1.00	ea	EE	0	0	0	6,140	0	6,140	0	6,140
R101PE120	ORC Ventilation Removal	1.00	ea	EE	12	12	618	0	0	618	214	832
R101PE130	ORC - Mezzanine	1.00	ea	EE	23	23	1,236	0	0	1,236	428	1,664
R101PE140	IWCP/AHA/AJR/RWP - Crane	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R101PE150	Engineerina - Instrumentation/Controls	1.00	ea	EE	0	0	0	1,842	0	1,842	0	1,842
R101PE160	IWCP/AHA - Instrumentation/Controls	1.00	ea	EE	44	44	1,295	0	0	1,295	448	1,743
R101PE170	ORC - Crane	1.00	ea	EE	12	12	618	0	0	618	214	832

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

R101PE180	ORC - Instrumentation/Controls	1.00	ea	EE	12	12	618	0	0	618	214	832
R101PE190	IWCP/AHA Floor Fixative	1.00	ea	EE	9	9	259	0	0	259	90	349
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	17.187	17.187	0	17.187
Total for Activity 1E88611005:						552	19.598	35.613	17.187	72.398	6.781	79.179

Line Item R101PE010 - Engineering Assembly Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750	Dollars	1.02283 -- FY00 Escalation --						
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item R101PE020 - Engineering - Dispo Shielding Blocks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - \$3375.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors	3375	Dollars	1.02283 -- FY00 Escalation --						
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item R101PE030 - IWCP/AHA/AJR/RWP Assmby Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - 1-4) Hours Unit Cost - 1-4) 106.2, 11.8, 11.8, 11.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours							
0.88934 [SYS 061400] .88934200 - Svstem									

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	94.45	Hours
Factors	106.2	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					

Line Item R101PE040 - Engineering - Ventilation Removal

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - \$6750.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750	Dollars	1.02283 -- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101PE050 - Engineering Mezzanine

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - \$6750.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750	Dollars	1.02283 -- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750	Dollars	1.02283 -- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101PE060 - IWCP - Dispo Shielding Blocks

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 45

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	40.02	Hours
	Factors	45	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101PE070 - IWCP/AHA/AJR/RWP - Mezzanine

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44, 9.44, 84.96, 9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	75.56	Hours
Factors	84.96	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101PE080 - ORC - Shielding Blocks

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5, 1.5, 5.5, 1.5, 1.5, 1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill	Linear	1.33Hours
	Factors	1.5	Hours							
								0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	1.33Hours
	Factors	1.5	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item R101PE090 - ORC - Assembly Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item R101PE100 - IWCP/AHA/AJR/RWP Ventilation Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 8.26,8.26,74.34,8.26 Unit Cost Adjustment factor - None Revised Unit Cost - N/A							
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WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	7.35	Hours
Factors	8.26	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	7.35	Hours
Factors	8.26	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	66.11	Hours
Factors	74.34	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	7.35	Hours
Factors	8.26	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R101PE110 - Engineering - Crane

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750	Dollars							
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R101PE120 - ORC Ventilation Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,1.5,5.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R101PE130 - ORC - Mezzanine

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R101PE140 - IWCP/AHA/AJR/RWP - Crane

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9,5.9,53.1,5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear 5.25 Hours
Factors	5.9	Hours				
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear 5.25 Hours
Factors	5.9	Hours				
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear 47.22 Hours
Factors	53.1	Hours				
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear 5.25 Hours
Factors	5.9	Hours				
0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R101PE150 - Engineering - Instrumentation/Controls

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - \$2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear 1.842.03 Dollars
Factors	2025	Dollars	1.02283 -- FY00 Escalation --			
0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R101PE160 - IWCP/AHA - Instrumentation/Controls

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with							
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WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 5,45
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	4.45Hours
Factors		5	Hours				
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	40.02Hours
Factors		45	Hours				

0.88934 [SYS 061400] .88934200 - Svsstem
0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R101PE170 - ORC - Crane

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5,5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33Hours
Factors		1.5	Hours				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33Hours
Factors		1.5	Hours				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33Hours
Factors		1.5	Hours				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89Hours
Factors		5.5	Hours				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33Hours
Factors		1.5	Hours				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33Hours
Factors		1.5	Hours				

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R101PE180 - ORC - Instrumentation/Controls

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.						
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WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,1.5,5.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours

Factors 1.5 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
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Factors 1.5 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
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Factors 5.5 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
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Factors 1.5 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
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Factors 1.5 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
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Factors 1.5 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101PE190 - IWCP/AHA Floor Fixative

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 1,9
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.89	Hours

Factors 1 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	8.00	Hours
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Factors 9 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	12.433.18	Dollars

Factors 12433.2 Dollars

WBS No: 1EED0601
Activity ID: 1E88611005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4,753.86	Dollars
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Factors 4753.86 Dollars

Activity ID: 1E88611006 Description: B886 Rm 101 Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101PE010	Engineering Assembly Hood	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
R101PE030	IWCP/AHA/AJR/RWP Assmblv Hood	1.00	ea	EE	151	151	6.150	0	0	6.150	2.128	8.278
R101PE090	ORC - Assembly Hood	1.00	ea	EE	14	14	742	0	0	742	257	998
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.274	4.274	0	4.274
Total for Activity 1E88611006:						165	6.892	6.140	4.274	17.306	2.385	19.690

Line Item R101PE010 - Engineering Assembly Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
	Factors	6750 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R101PE030 - IWCP/AHA/AJR/RWP Assmblv Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - 1-4) Hours Unit Cost - 1-4) 106.2, 11.8, 11.8, 11.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	113.34	Hours
Factors							127.44	Hours	
							0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	12.59	Hours	
Factors							14.16	Hours	
							0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	12.59	Hours	
Factors							14.16	Hours	
							0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	12.59	Hours	
Factors							14.16	Hours	

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0601
Activity ID: 1E88611006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R101PE090 - ORC - Assembly Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill	Linear	1.60	Hours
Factors	1.8	Hours									
									0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours									
									0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours									
									0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried		Linear	5.87	Hours
Factors	6.6	Hours									
									0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours									
									0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours									
									0.88934	ISYS 0614001	.88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88612000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost - \$2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1.842.03	Dollars
Factors	2025	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R102PE020 - IWCP - Remove/Stripout Electronics R102

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 45 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	40.02	Hours
Factors	45	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R102PE030 - ORC - Remove/Stripout Electronics R102

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88612000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	843.84	Dollars
Factors 843.845 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	322.65	Dollars
Factors 322.647 Dollars								

Activity ID: 1E88613005 Description: B886 Rm 103 Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R103PE010	Engineering - Dismantle Hood R103	1.00	ea	EE	0	0	0	3,070	0	3,070	0	3,070
R103PE020	Engineering - Shower & Misc Equipment R103	1.00	ea	EE	0	0	0	614	0	614	0	614
R103PE030	Engineering - Dismantle SS Room R103	1.00	ea	EE	0	0	0	1,842	0	1,842	0	1,842
R103PE040	Engineering - Dismantle GB & Downdraft R10	1.00	ea	EE	0	0	0	9,210	0	9,210	0	9,210
R103PE050	IWCP/AHA/AJR/RWP Shower & Misc. R103	1.00	ea	EE	101	101	2,982	0	0	2,982	1,032	4,013
R103PE060	IWCP/AHA/AJA/RWP - SS Room R103	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R103PE070	IWCP/AHA/AJR/RWP - Dismantle Hood	1.00	ea	EE	101	101	2,982	0	0	2,982	1,032	4,013
R103PE080	Engineering - Doorway Cutout R103	1.00	ea	EE	0	0	0	3,070	0	3,070	0	3,070
R103PE090	Engineering - Transfer Cart R103	1.00	ea	EE	0	0	0	614	0	614	0	614
R103PE100	Engineering - Instrumentation & Controls R103	1.00	ea	EE	0	0	0	1,719	0	1,719	0	1,719
R103PE110	IWCP/AHA/AJA/RWP - Transfer Cart R103	1.00	ea	EE	101	101	2,982	0	0	2,982	1,032	4,013
R103PE120	IWCP/AHA/AJR/RWP - Doorway Cutout R103	1.00	ea	EE	126	126	3,727	0	0	3,727	1,290	5,017
R103PE130	IWCP/AHA/AJR/RWP - Inst & Cntrls R103	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R103PE140	Engineering - Remove HEUN Pipina Fm Hallway	1.00	ea	EE	0	0	0	1,228	0	1,228	0	1,228
R103PE150	IWCP/AHA/AJR/RWP - Rmv HEUN Pipina fm Hallway	1.00	ea	EE	38	38	1,118	0	0	1,118	387	1,505
R103PE160	ORC - Dismantle Hood R103	1.00	ea	EE	12	12	618	0	0	618	214	832
R103PE170	ORC - Transfer Cart R103	1.00	ea	EE	12	12	618	0	0	618	214	832
R103PE180	IWCP/AHA/AJR/RWP GB & Downdraft Room R103	1.00	ea	EE	126	126	3,727	0	0	3,727	1,290	5,017
R103PE190	ORC - Inst & Cntrls R103	1.00	ea	EE	12	12	618	0	0	618	214	832
R103PE200	ORC - Rmv HEUN Pipina fm Hallway	1.00	ea	EE	12	12	618	0	0	618	214	832
R103PE210	ORC - Doorway Cutout R103	1.00	ea	EE	12	12	618	0	0	618	214	832
R103PE220	ORC - GB & Downdraft Room R103	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	15,236	15,236	0	15,236
Total for Activity 1E88613005:						787	24,953	21,368	15,236	61,556	8,634	70,190

Line Item R103PE010 - Engineering - Dismantle Hood R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 3375.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors	3375	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE020 - Engineering - Shower & Misc Equipment R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 675.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	614.01	Dollars
Factors	675	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE030 - Engineering - Dismantle SS Room R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.842.03	Dollars
Factors	2025	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item R103PE040 - Engineering - Dismantle GB & Downdraft R10

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 10125.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	9.210.16	Dollars
Factors	10125	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R103PE050 - IWCP/AHA/AJR/RWP Shower & Misc. R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40Hours
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.40Hours
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	75.56Hours
Factors	84.96	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	8.40Hours
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item R103PE060 - IWCP/AHA/AJA/RWP - SS Room R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9,5.9,53.1,5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25Hours
Factors	5.9	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25Hours
Factors	5.9	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22Hours
Factors	53.1	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25Hours
Factors	5.9	Hours	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item R103PE070 - IWCP/AHA/AJR/RWP - Dismantle Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with					
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WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
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Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 9.44,9.44,84.96,9.44
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	75.56	Hours	
Factors	84.96	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R103PE080 - Engineering - Doorway Cutout R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 3375.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,070.05	Dollars

Factors3375Dollars1.02283 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE090 - Engineering - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 675.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
Resources	Cost Element	Skill	Department	Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	614.01	Dollars
Factors	675	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE100 - Engineering - Instrumentation & Controls R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 1890.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,719.23	Dollars
	Factors	1890 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE110 - IWCP/AHA/AJA/RWP - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours								
									0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.40	Hours		
Factors	9.44	Hours								
									0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	75.56	Hours		
Factors	84.96	Hours								
									0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	8.40	Hours		
Factors	9.44	Hours								

Line Item R103PE120 - IWCP/AHA/AJR/RWP - Doorway Cutout R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 11.8,11.8,106.2,11.8							
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WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	94.45	Hours
Factors	106.2	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R103PE130 - IWCP/AHA/AJR/RWP - Inst & Cntrl R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 5.9,5.9,53.1,5.9
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours
Factors	53.1	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
						0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R103PE140 - Engineering - Remove HEUN Piping Fm Hallway

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 1350.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE		R100S	RMRS Salaried	Linear	1.228.02	Dollars
<i>Factors</i> 1350 Dollars 1.02283 -- FY00 Escalation --										

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE150 - IWCP/AHA/AJR/RWP - Rmv HEUN Piping fm Hallway

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 3.54,3.54,31.86,3.54
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	3.15	Hours
<i>Factors</i> 3.54 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	3.15	Hours
<i>Factors</i> 3.54 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	28.33	Hours
<i>Factors</i> 31.86 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	3.15	Hours
<i>Factors</i> 3.54 Hours										

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE160 - ORC - Dismantle Hood R103

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill	Linear	1.33	Hours
<i>Factors</i> 1.5 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	1.33	Hours
<i>Factors</i> 1.5 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										

WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item R103PE170 - ORC - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item R103PE180 - IWCP/AHA/AJR/RWP GB & Downdraft Room R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 11.8,11.8,106.2,11.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A							
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WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.49	Hours	
Factors	11.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	94.45	Hours	
Factors	106.2	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	10.49	Hours	
Factors	11.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R103PE190 - ORC - Inst & Cntrls R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours	
Factors	5.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R103PE200 - ORC - Rmv HEUN Piping fm Hallway

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data:								
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WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Item - ORC
Units - HOURS
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	

Line Item R103PE210 - ORC - Doorway Cutout R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
						0.88934	ISYS 0614001 .88934200 - Svstem	

WBS No: 1EED0601
Activity ID: 1E88613005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors 5.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE220 - ORC - GB & Downdraft Room R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors 1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors 5.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	11,021.72	Dollars
Factors 11021.7 Dollars								

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4,214.19	Dollars
Factors 4214.19 Dollars								

Activity ID: 1E88613006 Description: B886 Rm 103 Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R103PE010	Engineering - Dismantle Hood R103	1.00	ea	EE	0	0	0	3,070	0	3,070	0	3,070
R103PE030	Engineering - Dismantle SS Room R103	1.00	ea	EE	0	0	0	1,842	0	1,842	0	1,842
R103PE040	Engineering - Dismantle GB & Downdraft R10	1.00	ea	EE	0	0	0	9,210	0	9,210	0	9,210
R103PE060	IWCP/AHA/AJA/RWP - SS Room R103	1.00	ea	EE	76	76	2,236	0	0	2,236	774	3,010
R103PE070	IWCP/AHA/AJR/RWP - Dismantle Hood	1.00	ea	EE	121	121	3,578	0	0	3,578	1,238	4,816

WBS No: 1EED0601
Activity ID: 1E88613006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

R103PE090	Engineering - Transfer Cart R103	1.00	ea	EE	0	0	0	614	0	614	0	614
R103PE110	IWCP/AHA/AJA/RWP - Transfer Cart R103	1.00	ea	EE	121	121	3,578	0	0	3,578	1,238	4,816
R103PE140	Engineering - Remove HEUN Pipina Fm Hallwav	1.00	ea	EE	0	0	0	1,228	0	1,228	0	1,228
R103PE150	IWCP/AHA/AJR/RWP - Rmv HEUN Pipina fm Hallwav	1.00	ea	EE	45	45	1,342	0	0	1,342	464	1,806
R103PE160	ORC - Dismantle Hood R103	1.00	ea	EE	14	14	742	0	0	742	257	998
R103PE170	ORC - Transfer Cart R103	1.00	ea	EE	14	14	742	0	0	742	257	998
R103PE180	IWCP/AHA/AJR/RWP GB & Downdraft Room R103	1.00	ea	EE	151	151	4,473	0	0	4,473	1,548	6,020
R103PE200	ORC - Rmv HEUN Pipina fm Hallwav	1.00	ea	EE	14	14	742	0	0	742	257	998
R103PE220	ORC - GB & Downdraft Room R103	1.00	ea	EE	14	14	742	0	0	742	257	998
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11,208	11,208	0	11,208
Total for Activity 1E88613006:					569	18,174	15,964	11,208	45,346	6,288	51,634	

Line Item R103PE010 - Engineering - Dismantle Hood R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 3375.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			3,070.05	Dollars
Factors	3375	Dollars	1.02283	--	FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R103PE030 - Engineering - Dismantle SS Room R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			1,842.03	Dollars
Factors	2025	Dollars	1.02283	--	FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R103PE040 - Engineering - Dismantle GB & Downdraft R10

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 10125.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A											

WBS No: 1EED0601
Activity ID: 1E88613006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	9.210.16	Dollars
	Factors	10125	Dollars	1.02283	--	FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE060 - IWCP/AHA/AJA/RWP - SS Room R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9,5.9,53.1,5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	6.30	Hours
	Factors	7.08	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	6.30	Hours
	Factors	7.08	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	56.67	Hours
	Factors	63.72	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	6.30	Hours
	Factors	7.08	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE070 - IWCP/AHA/AJR/RWP - Dismantle Hood

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data:</p> <p>Item - Planning & Engineering Labor</p> <p>Units - Hours</p> <p>Unit Cost - 9.44,9.44,84.96,9.44</p> <p>Unit Cost Adjustment factor - None</p> <p>Revised Unit Cost - N/A</p> <p>Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	10.08	Hours
	Factors	11.33	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.08	Hours
	Factors	11.33	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88613006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	90.67	Hours
Factors	101.95	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	10.08	Hours
Factors	11.33	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE090 - Engineering - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 675.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	614.01	Dollars
	Factors	675 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE110 - IWCP/AHA/AJA/RWP - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	10.08
Factors	11.33	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	10.08	Hours
Factors	11.33	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	90.67	Hours
Factors	101.95	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	10.08	Hours
Factors	11.33	Hours		0.88934 [SYS 061400] .88934200 - Svstem						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE140 - Engineering - Remove HEUN Piping Fm Hallway

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data:
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WBS No: 1EED0601
Activity ID: 1E88613006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 1350.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.228.02Dollars
Factors	1350	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - System

Line Item R103PE150 - IWCP/AHA/AJR/RWP - Rmv HEUN Piping fm Hallway

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 3.54,3.54,31.86,3.54 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	3.78Hours
Factors	4.25	Hours					
		750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried
Factors	4.25	Hours					
		750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried
Factors	38.23	Hours					
		750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried
Factors	4.25	Hours					

0.88934 [SYS 061400] .88934200 - System

Line Item R103PE160 - ORC - Dismantle Hood R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60Hours
Factors	1.8	Hours					
						0.88934 [SYS 061400] .88934200 - System	

WBS No: 1EED0601
Activity ID: 1E88613006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.87	Hours
Factors	6.6	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					

Line Item R103PE170 - ORC - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	5.87	Hours
Factors	6.6	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R103PE180 - IWCP/AHA/AJR/RWP GB & Downdraft Room R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours							
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WBS No: 1EED0601
Activity ID: 1E88613006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost - 11.8,11.8,106.2,11.8
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	12.59	Hours

Factors 14.16 Hours

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	12.59	Hours
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Factors 14.16 Hours

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	113.34	Hours
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Factors 127.44 Hours

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	12.59	Hours
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Factors 14.16 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE200 - ORC - Rmv HEUN Piping fm Hallway

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60	Hours

Factors 1.8 Hours

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
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Factors 1.8 Hours

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.87	Hours
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Factors 6.6 Hours

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
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Factors 1.8 Hours

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
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Factors 1.8 Hours

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
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Factors 1.8 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103PE220 - ORC - GB & Downdraft Room R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other

Starts In FY ★

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Activity ID:	1E88614005	<i>Description:</i>	B886 Demolition	<i>Cost Risk</i>	4	<i>Schedule Risk</i>	4
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Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).

Costs included in this activity are: Isolate B886 in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

- Item - Isolate B886
- Units - Hours
- Unit Cost - 180, 360
- Unit Cost Adjustment factor - None
- Revised Unit Cost - N/A

WBS No: 1EED0601
Activity ID: 1E88614005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	160.08	Hours
Factors	180	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	320.16	Hours
Factors	360	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item B886DM030 - Fill Drain MHs/Emgcy Pwr Pit With Clean Fill

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Fill drain manholes and the emergency power pit with clean fill in support of the 886 Cluster Removal Project.									
	Breakdown of Cost Data: Item - Fill drain manholes and the emergency power pit with clean fill Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	5,726.30	Dollars
	Factors	5726.3 Dollars								
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	2,235.88	Dollars
	Factors	2235.88 Dollars								

Activity ID: 1E88616000 Description: Prereadiness Abatement & Characterization

Activity ID: 1E88616000		Description: Prereadiness Abatement & Characterization						Cost Risk	1	Schedule Risk	2	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
ABTCHR060	Cold Side Characterization Surveys	1.00	ea	EE	189	189	3,920	0	0	3,920	1,356	5,276
ABTCHR070	Final Surveys Cold Side	1.00	ea	EE	189	189	3,920	0	0	3,920	1,356	5,276
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,925	2,925	0	2,925
Total for Activity 1E88616000:						378	7,839	0	2,925	10,765	2,712	13,477

Line Item ABTCHR060 - Cold Side Characterization Surveys

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Cold Side Characterization Surveys in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Cold Side Characterization Surveys Units - Hours Unit Cost - 212.4 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0601
Activity ID: 1E88616000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	188.90	Hours
	Factors 212.4 Hours									

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item ABTCHR070 - Final Surveys Cold Side

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Final Surveys - Cold Side in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Final Surveys - Cold Side Units - Hours Unit Cost - 212.4 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	188.90	Hours
	Factors 212.4 Hours								

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	2,116.24	Dollars
	Factors 2116.24 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	809.15	Dollars
	Factors 809.149 Dollars									

Activity ID: 1E88617000 Description: Room 111 Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R111PE010	Engineering - Reroute Alarms (SIO Panel)	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
R111PE020	Engineering - HVAC/Chilled Wtr System	1.00	ea	EE	0	0	0	1.842	0	1.842	0	1.842
R111PE030	Engineering - I&C (MCC/Crit/Fire/LSDW/Misc Panels)	1.00	ea	EE	0	0	0	2.456	0	2.456	0	2.456
R111PE040	Engineering - DCW @ PIV/Water Heater	1.00	ea	EE	0	0	0	3.070	0	3.070	0	3.070
R111PE060	Engineering - Compressors. Piping	1.00	ea	EE	0	0	0	3.070	0	3.070	0	3.070
R111PE070	Engineering - Isolate B886 Power/Emarcy Pwr	1.00	ea	EE	0	0	0	3.070	0	3.070	0	3.070
R111PE080	IWCP/AHA - HVAC/Chilled Wtr Sys	1.00	ea	EE	53	53	1,554	0	0	1,554	538	2,091
R111PE090	IWCP/AHA/AJR/RWP - I&C (RmvFrPnl/FbrOp/LSDW)	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R111PE100	IWCP/AHA/AJR/RWP - DCW @ PIV/Water Htr	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R111PE110	IWCP/AHA/AJR/RWP - Cmpsrtrs. Piping	1.00	ea	EE	101	101	2,982	0	0	2,982	1,032	4,013
R111PE120	IWCP/AHA/AJR/RWP - Isolate B886 Pwr/Emarcy Pwr	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R111PE130	ORC - HVAC/Chilled Wtr System	1.00	ea	EE	12	12	618	0	0	618	214	832
R111PE140	ORC - I&C (MCC/Crit/Fire/LSDW/Misc Panels)	1.00	ea	EE	12	12	618	0	0	618	214	832
R111PE150	Engineering - Fire Suppression System	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
R111PE160	IWCP/AHA/AJR/RWP - Reroute Alarms (SIO Pnl)	1.00	ea	EE	101	101	2,982	0	0	2,982	1,032	4,013
R111PE170	ORC - Remove/Package Cmpsrtrs. Piping	1.00	ea	EE	12	12	618	0	0	618	214	832
R111PE180	ORC - Reroute Alarms (SIO Panel)	1.00	ea	EE	12	12	618	0	0	618	214	832
R111PE190	IWCP/AHA/AJR/RWP - Fire Suppression Removal	1.00	ea	EE	63	63	1,864	0	0	1,864	645	2,508
R111PE200	ORC - Fire Suppression System Removal	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	13.890	13.890	0	13.890
Total for Activity 1E88617000:						565	18,061	25,788	13.890	57,740	6,249	63,989

WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R111PE010 - Engineering - Reroute Alarms (SIO Panel)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750 Dollars	1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

Line Item R111PE020 - Engineering - HVAC/Chilled Wtr System

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.842.03	Dollars
Factors	2025 Dollars	1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

Line Item R111PE030 - Engnrng - I&C (MCC/Crit/Fire/LSDW/Misc Panels)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 2700.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2.456.04	Dollars
Factors	2700 Dollars	1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem				

Line Item R111PE040 - Engineering - DCW @ PIV/Water Heater

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).					
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WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 3375.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors 3375 Dollars 1.02283 -- FY00 Escalation -- 0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item R111PE060 - Engineering - Compressors, Piping

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 3375.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors	3375 Dollars	1.02283 -- FY00 Escalation --				0.88934	[SYS 061400] .88934200 - System	

Line Item R111PE070 - Engineering - Isolate B886 Power/Emgcy Pwr

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 3375.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors	3375 Dollars	1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - System				

Line Item R111PE080 - IWCP/AHA - HVAC/Chilled Wtr Sys

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).									
	Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.									
	Breakdown of Cost Data:									
	Item - Planning & Engineering Labor									
	Units - Hours									

WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost - 6,54
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.34	Hours
Factors	6	Hours							
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	48.02	Hours
Factors	54	Hours							

0.88934 [SYS 061400] .88934200 - System

Line Item R111PE090 - IWCP/AHA/AJR/RWP - I&C (RmvFrPnl/FbrOp/LSDW)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9,5.9,53.1,5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours	
Factors	5.9	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours	
Factors	53.1	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	5.25	Hours	
Factors	5.9	Hours							

0.88934 [SYS 061400] .88934200 - System

Line Item R111PE100 - IWCP/AHA/AJR/RWP - DCW @ PIV/Water Htr

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9,5.9,53.1,5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours
Factors	53.1	Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R111PE110 - IWCP/AHA/AJR/RWP - Cmprsrs, Piping

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	75.56	Hours	
Factors	84.96	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R111PE120 - IWCP/AHA/AJR/RWP - Isolate B886 Pwr/Emrgcy Pwr

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9,5.9,53.1,5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
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Starts In FY *

750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours
Factors	53.1	Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R111PE130 - ORC - HVAC/Chilled Wtr System

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R111PE140 - ORC - I&C (MCC/Crit/Fire/LSDW/Misc Panels)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A							
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WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours							
							0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours							
							0.88934	ISYS 0614001.88934200 - Svstem	

Line Item R111PE150 - Engineering - Fire Suppression System

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
Factors	6750	Dollars							

1.02283 -- FY00 Escalation --

0.88934 ISYS 0614001.88934200 - Svstem

Line Item R111PE160 - IWCP/AHA/AJR/RWP - Reroute Alarms (SIO Pnl)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	75.56	Hours
Factors	84.96	Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R111PE170 - ORC - Remove/Package Cmprsrs, Piping

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item R111PE180 - ORC - Reroute Alarms (SIO Panel)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A							
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WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem

Line Item R111PE190 - IWCP/AHA/AJR/RWP - Fire Suppression Removal

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 5.9,5.9,53.1,5.9
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours
Factors	53.1	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						
							0.88934	ISYS 0614001 .88934200 - Svstem

Line Item R111PE200 - ORC - Fire Suppression System Removal

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:

WBS No: 1EED0601
Activity ID: 1E88617000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem							1.33	Hours

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	10.047.96	Dollars
Factors	10048	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.841.87	Dollars
Factors	3841.87	Dollars						

Activity ID: 1E88618000

Description: Room 140 Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R140PE01	Engineering - Disconnect Central Panel R140	1.00	ea	EE	0	0	0	1,228	0	1,228	0	1,228
R140PE11	IWCP/AHA - Discon Central Panel R140	1.00	ea	EE	44	44	1,295	0	0	1,295	448	1,743
R140PE21	ORC - Disconnect Central Panel R140	1.00	ea	EE	12	12	618	0	0	618	214	832
R140PE41	Engineering - Instrumentation & Controls R140	1.00	ea	EE	0	0	0	1,228	0	1,228	0	1,228
R140PE51	IWCP/AHA - Instrumentation & Controls R140	1.00	ea	EE	89	89	2,589	0	0	2,589	896	3,485
R140PE61	ORC - Instrumentation & Controls R140	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,592	2,592	0	2,592
Total for Activity 1E88618000:						157	5,120	2,456	2,592	10,167	1,771	11,939

Line Item R140PE01 - Engineering - Disconnect Central Panel R140

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).

Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Planning & Engineering Labor

Units - Dollars

Unit Cost - 1350.00

WBS No: 1EED0601
Activity ID: 1E88618000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.228.02	Dollars
Factors	1350	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R140PE11 - IWCP/AHA - Discon Central Panel R140

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5,45 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	4.45	Hours
	Factors	5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	40.02	Hours
Factors	45	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R140PE21 - ORC - Disconnect Central Panel R140

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5,5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
	Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88618000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R140PE41 - Engineering - Instrumentation & Controls R140

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 1350.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1.228.02	Dollars
	Factors	1350	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R140PE51 - IWCP/AHA - Instrumentation & Controls R140

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 10,90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.89	Hours
	Factors	10	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	80.04	Hours
Factors	90	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R140PE61 - ORC - Instrumentation & Controls R140

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
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WBS No: 1EED0601
Activity ID: 1E88618000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors 1.5 Hours								
0.88934 [SYS 061400] .88934200 - Ssystem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								
0.88934 [SYS 061400] .88934200 - Ssystem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors 5.5 Hours								
0.88934 [SYS 061400] .88934200 - Ssystem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								
0.88934 [SYS 061400] .88934200 - Ssystem							1.33	Hours
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors 1.5 Hours								
0.88934 [SYS 061400] .88934200 - Ssystem							1.33	Hours

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.874.73	Dollars
Factors 1874.73 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	716.81	Dollars
Factors 716.81 Dollars								

Activity ID: 1E8861T000 Description: 886 TUNNEL PLANNING & ENGINEERING

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B886EX010	Engineering - Decom Drain Manholes/Emgcy Pwr Pit	1.00	ea	EE	0	0	0	614	0	614	0	614
B886EX020	IWCP/AHA/AJR/RWP - Decom Drain MHs/Emgcy Pwr Pit	1.00	ea	EE	13	13	373	0	0	373	129	502
B886EX030	ORC - Decom Drain Manholes/Emgcy Pwr Pit	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	540	540	0	540
Total for Activity 1E8861T000:						24	991	614	540	2.145	343	2.487

Line Item B886EX010 - Engineering - Decom Drain Manholes/Emgcy Pwr Pit

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 675.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	614.01	Dollars
Factors 675 Dollars 1.02283 -- FY00 Escalation --								
0.88934 [SYS 061400] .88934200 - Ssystem							614.01	Dollars

WBS No: 1EED0601
Activity ID: 1E8861T000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item B886EX020 - IWCP/AHA/AJR/RWP - Decom Drain MHs/Emgcy Pwr Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 10.62,1.18,1.18,1.18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	1.05 Hours
Factors	1.18	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.05 Hours
Factors	1.18	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	9.44 Hours
Factors	10.62	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	1.05 Hours
Factors	1.18	Hours	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item B886EX030 - ORC - Decom Drain Manholes/Emgcy Pwr Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33 Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33 Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33 Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33 Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem				

WBS No: 1EED0601
Activity ID: 1E8861T000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	390.59	Dollars
Factors	390.588	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	149.34	Dollars
Factors	149.342	Dollars						

Activity ID: 1E88620000 Description: B886 Cluster Characterization & Implementation

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886CHR010	Develop Characterization Survey & Analysis Plan	1.00	ea	EE	0	0	0	23.904	0	23.904	0	23.904
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.627	6.627	0	6.627
Total for Activity 1E88620000:						0	0	23.904	6.627	30.531	0	30.531

Line Item C886CHR010 - Develop Characterization Survey & Analysis Plan

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Develop Characterization Survey & Analysis Plan in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

- Item - Develop Characterization Survey & Analysis Plan
- Units - Dollars
- Unit Cost - 26,278.13
- Unit Cost Adjustment factor - None
- Revised Unit Cost - N/A
- Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	23.903.79	Dollars
Factors	26278.1	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.794.18	Dollars
Factors	4794.18	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.833.07	Dollars
Factors	1833.07	Dollars						

Activity ID: 1E88620005 Description: B886 Cluster Characterization & Implementation

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886CHR030	In-Process Sampling	1.00	ea	EE	0	0	0	109.157	0	109.157	0	109.157
C886CHR050	Analysis of Samples	1.00	ea	EE	0	0	0	227.411	0	227.411	0	227.411
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	93.313	93.313	0	93.313
Total for Activity 1E88620005:						0	0	336.569	93.313	429.882	0	429.882

Line Item C886CHR030 - In-Process Sampling

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with

WBS No: 1EED0601
Activity ID: 1E88620005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: In-process sampling in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - In-process sampling
Units - Dollars
Unit Cost - 120000.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K267S	Analvtical Laboratory Services	Linear	109.157.50	Dollars
	Factors 120000 Dollars		1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886CHR050 - Analysis of Samples

BOE
Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Analysis of Samples support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Analysis of Samples
Units - Dollars
Unit Cost - 250000.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K267S	Analvtical Laboratory Services	Linear	227.411.40	Dollars
	Factors	250000 Dollars		1.02283 -- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	67.502.76	Dollars
	Factors 67502.8 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	25.809.88	Dollars
	Factors 25809.9 Dollars									

Activity ID: 1E88630000 Description: Project Subcontracts

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886SUB410	Erect Barrier Fencing & Term	1.00	ea	EE	0	0	0	21.664	0	21.664	0	21.664
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.006	6.006	0	6.006
Total for Activity 1E88630000:						0	0	21.664	6.006	27.671	0	27.671

Line Item C886SUB410 - Erect Barrier Fencing & Term

BOE
Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Erect Barrier Fencing and Term in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Erect Barrier Fencing and Term
Units - Dollars
Unit Cost - 24000.00
Unit Cost Adjustment factor - None

WBS No: 1EED0601
Activity ID: 1E88630000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5L	RENTALS		0000	NONE	R100S	RMRS Salaried	Linear	21.664.37	Dollars
	Factors	24000	Dollars	1.015	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.345.04	Dollars
	Factors 4345.04 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.661.34	Dollars
	Factors 1661.34 Dollars								

Activity ID: 1E88630010 Description: Project Subcontracts FY01

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886SUB020	Chara/Survey SubC Engineering/IWCP Dvmt	1.00	ea	EE	80	80	2,279	0	0	2,279	696	2,975
C886SUB100	Prepare SOW - Fixative Subcontract	1.00	ea	EE	0	0	0	1,719	0	1,719	0	1,719
C886SUB170	Prepare SOW - Survey Verification SubC	1.00	ea	EE	0	0	0	4,503	0	4,503	0	4,503
C886SUB190	Prepare SOW - Chara/Survey SubC	1.00	ea	EE	0	0	0	2,251	0	2,251	0	2,251
C886SUB200	Issue RFP - Fixative SubC	1.00	ea	EE	0	0	0	688	0	688	0	688
C886SUB250	Prepare Proposals - Fixative SubC	1.00	ea	EE	0	0	0	0	0	0	0	0
C886SUB280	Issue RFP - Chara/Survey SubC	1.00	ea	EE	0	0	0	1,719	0	1,719	0	1,719
C886SUB330	Issue RFP - Survey Verification SubC	1.00	ea	EE	0	0	0	688	0	688	0	688
C886SUB340	Prepare Proposals - Chara/Survey SubC	1.00	ea	EE	0	0	0	0	0	0	0	0
C886SUB370	Prepare Proposals - Survey Verification SubC	1.00	ea	EE	0	0	0	0	0	0	0	0
C886SUB390	Evaluate Proposals	1.00	ea	EE	0	0	0	688	0	688	0	688
C886SUB400	Review Contractor HSP/Work Plans	1.00	ea	EE	80	80	2,795	0	0	2,795	854	3,649
C886SUB415	Errect Barrier Fencing & Term	1.00	each	EE	0	0	0	21,664	0	21,664	0	21,664
C886SUB440	Award Fixative Contract	1.00	ea	EE	0	0	0	3,488	0	3,488	0	3,488
C886SUB465	Office Trailer Lease (Term)	1.00	ea	EE	0	0	0	92,102	0	92,102	0	92,102
C886SUB510	Evaluate Proposals - Chara/Survey SubC	1.00	ea	EE	0	0	0	1,032	0	1,032	0	1,032
C886SUB520	Evaluate Proposals - Survey Verification SubC	1.00	ea	EE	0	0	0	1,032	0	1,032	0	1,032
C886SUB530	Fixative (Foam) Subcontract (Term)	1.00	ea	EE	0	0	0	80,413	0	80,413	0	80,413
C886SUB540	Award Contract - Chara/Survey SubC	1.00	ea	EE	0	0	0	3,488	0	3,488	0	3,488
C886SUB550	Review Contractor's HSP/Work Plans	1.00	ea	EE	80	80	2,795	0	0	2,795	854	3,649
C886SUB560	Award Contract - Survey Verification SubC	1.00	ea	EE	0	0	0	3,488	0	3,488	0	3,488
C886SUB580	Review Contractor HSP/Work Plans	1.00	ea	EE	80	80	2,795	0	0	2,795	854	3,649
C886SUB610	Independent Survey Verification SubC (Term)	1.00	ea	EE	0	0	0	227,411	0	227,411	0	227,411
C886SUB620	Drum Counter Subcontract - Term	1.00	ea	EE	0	0	0	545,787	0	545,787	0	545,787
C886SUB640	Characterization/Survey Subcontract - Term	1.00	ea	EE	0	0	0	254,701	0	254,701	0	254,701
C88CSUB455	Shower Trailer Lease (Term)	1.00	ea	EE	0	0	0	30,701	0	30,701	0	30,701
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	255,283	255,283	0	255,283
Total for Activity 1E88630010:						320	10,664	1,277,560	255,283	1,543,507	3,258	1,546,766

Line Item C886SUB020 - Chara/Survey SubC Engineering/IWCP Dvmt

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Characterization Survey subcontract engineering and IWCP development in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Characterization Survey subcontract engineering and IWCP development

WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Units - Hours
Unit Cost - 90
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	80.04	Hours
	Factors	90	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886SUB100 - Prepare SOW - Fixative Subcontract

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare SOW in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Prepare SOW Units - Dollars Unit Cost - 1890.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1,719.23	Dollars
	Factors	1890	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886SUB170 - Prepare SOW - Survey Verification SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare SOW in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Prepare SOW Units - Dollars Unit Cost - 4950.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	4.502.75	Dollars
	Factors	4950	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - System

Line Item C886SUB190 - Prepare SOW - Chara/Survey SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare SOW in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Prepare SOW Units - Dollars Unit Cost - 2475.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A
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WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,251.37	Dollars
Factors	2475	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB200 - Issue RFP - Fixative SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Issue RFP in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Issue RFP Units - Dollars Unit Cost - 756.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	687.69	Dollars
Factors	756	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB250 - Prepare Proposals - Fixative SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare Proposals in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Prepare Proposals Units - Dollars Unit Cost - Non-reimbursable subcontractor costs Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	0.00	Dollars
Factors	0	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB280 - Issue RFP - Chara/Survey SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Issue RFP in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Issue RFP Units - Dollars Unit Cost - 1890.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,719.23	Dollars
Factors	1890	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB330 - Issue RFP - Survey Verification SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. 10 day duration 11/08/99-11/19/99 Breakdown of Cost Data: Item - Planning & Engineering Labor Units - 1 Lot Unit Cost - 180 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	687.69	Dollars
Factors	756	Dollars	1.02283	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB340 - Prepare Proposals - Chara/Survey SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare Proposals in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Prepare Proposals Units - Dollars Unit Cost - Non-reimbursable subcontractor costs Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	0.00	Dollars
Factors	0	Dollars	1.02283	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB370 - Prepare Proposals - Survey Verification SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Prepare Proposals in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Prepare Proposals Units - Dollars Unit Cost - Non-reimbursable subcontractor costs Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	0.00	Dollars
Factors	0	Dollars	1.02283	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item C886SUB390 - Evaluate Proposals

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Evaluate Proposals in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Evaluate Proposals Units - Dollars Unit Cost - 756.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	687.69Dollars
Factors	756	Dollars	1.02283	-- FY00 Escalation --			
					0.88934	[SYS 061400]	.88934200 - Svstem

Line Item C886SUB400 - Review Contractor HSP/Work Plans

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Review Contractor HSP/Work Plans in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Review Contractor HSP/Work Plans Units - Hours Unit Cost - 90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	80.04Hours
Factors	90	Hours					
					0.88934	[SYS 061400]	.88934200 - Svstem

Line Item C886SUB415 - Erect Barrier Fencing & Term

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Erect Barrier Fencing and Term in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Erect Barrier Fencing and Term Units - Dollars Unit Cost - 24000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5L	RENTALS	0000	NONE	R100S	RMRS Salaried	Linear	21.664.37Dollars
Factors	24000	Dollars	1.015	-- FY00 Escalation --			
					0.88934	[SYS 061400]	.88934200 - Svstem

Line Item C886SUB440 - Award Fixative Contract

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).					
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WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Costs included in this activity are: Award Contract in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Award Contract
Units - Dollars
Unit Cost - 1134.00, 2700.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2.456.04Dollars
Factors	2700	Dollars	1.02283	-- FY00 Escalation --			
					0.88934	[SYS 061400] .88934200 - Svstem	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.031.54Dollars
Factors	1134	Dollars	1.02283	-- FY00 Escalation --			
					0.88934	[SYS 061400] .88934200 - Svstem	

Line Item C886SUB465 - Office Trailer Lease (Term)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Office Trailer Lease Term in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Office Trailer Lease Term Units - Dollars Unit Cost - 101250.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	92.101.63Dollars
Factors	101250	Dollars	1.02283	-- FY00 Escalation --			
					0.88934	[SYS 061400] .88934200 - Svstem	

Line Item C886SUB510 - Evaluate Proposals - Chara/Survey SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Evaluate Proposals in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Evaluate Proposals Units - Dollars Unit Cost - 1134.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.031.54Dollars
Factors	1134	Dollars	1.02283	-- FY00 Escalation --			
					0.88934	[SYS 061400] .88934200 - Svstem	

Line Item C886SUB520 - Evaluate Proposals - Survey Verification SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Evaluate Proposals in support of the 886 Cluster Removal Project.						
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WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Breakdown of Cost Data:
Item - Evaluate Proposals
Units - Dollars
Unit Cost - 1134.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1.031.54	Dollars
	Factors	1134	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB530 - Fixative (Foam) Subcontract (Term)

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Fixative (Foam) Subcontract (Term) in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:
Item - Fixative (Foam) Subcontract (Term)
Units - Dollars
Unit Cost - 88400.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	80.412.68	Dollars
	Factors	88400	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB540 - Award Contract - Chara/Survey SubC

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Award Contract in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:
Item - Award Contract
Units - Dollars
Unit Cost - 1134.00, 2700.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	2.456.04	Dollars
	Factors	2700	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1.031.54	Dollars
	Factors	1134	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886SUB550 - Review Contractor's HSP/Work Plans

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Review Contractor HSP/Work Plans in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter

Baseline Devl
1EED
*

Starts In FY *

Item - Review Contractor HSP/Work Plans
Units - Hours
Unit Cost - 90
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	80.04 Hours
Factors	90	Hours					

0.88934 [SYS 061400] .88934200 - System

Line Item C886SUB560 - Award Contract - Survey Verification SubC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Award Contract in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Award Contract Units - Dollars Unit Cost - 1134.00, 2700.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,456.04 Dollars
Factors	2700	Dollars	1.02283 -- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,031.54 Dollars
Factors	1134	Dollars	1.02283 -- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

Line Item C886SUB580 - Review Contractor HSP/Work Plans

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Review Contractor HSP/Work Plans in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Review Contractor HSP/Work Plans Units - Hours Unit Cost - 90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	80.04 Hours
Factors	90	Hours					

0.88934 [SYS 061400] .88934200 - System

Line Item C886SUB610 - Independent Survey Verification SubC (Term)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Independent Survey Verification SubC (Term) in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Independent Survey Verification SubC (Term)						
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WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Units - Dollars
Unit Cost - 250000.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	227,411.40
Factors	250000	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886SUB620 - Drum Counter Subcontract - Term

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Drum Counter Subcontract - Term in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Drum Counter Subcontract - Term Units - Dollars Unit Cost - 600,000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	545,787.40
Factors	600000	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886SUB640 - Characterization/Survey Subcontract - Term

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Characterization/Survey Subcontract - Term in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Characterization/Survey Subcontract - Term Units - Dollars Unit Cost - 280000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	254,700.80
Factors	280000	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - System

Line Item C88CSUB455 - Shower Trailer Lease (Term)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Shower Trailer Lease Term in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Shower Trailer Lease Term Units - Dollars Unit Cost - 33750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A
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WBS No: 1EED0601
Activity ID: 1E88630010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	30.700.54	Dollars
Factors 33750 Dollars 1.02283 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	140.470.20	Dollars
Factors 140470 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	114.812.90	Dollars
Factors 114813 Dollars									

Activity ID: 1E88640005 Description: Develop SOW for Demolition Contract

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886DMO010	Develop SOW for Demolition Contract	1.00	each	EE	0	0	0	6.754	0	6.754	0	6.754
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.891	1.891	0	1.891
Total for Activity 1E88640005:						0	0	6.754	1.891	8.645	0	8.645

Line Item C886DMO010 - Develop SOW for Demolition Contract

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Develop SOW for demolition in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Develop SOW for Demolition
Units - Dollars
Unit Cost - 7425.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.754.12	Dollars
Factors 7425 Dollars 1.02283 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - System									

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.373.36	Dollars
Factors 1373.36 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	517.94	Dollars
Factors 517.94 Dollars									

Activity ID: 1E88640010 Description: Issue Demolition RFP

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886DMO020	Issue Demolition RFP	1.00	ea	EE	0	0	0	3.438	0	3.438	0	3.438
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	963	963	0	963
Total for Activity 1E88640010:						0	0	3.438	963	4.401	0	4.401

Line Item C886DMO020 - Issue Demolition RFP

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with

WBS No: 1EED0601
Activity ID: 1E88640010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Issue demolition RFP in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Issue demolition RFP
Units - Dollars
Unit Cost - \$3780.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.438.46
Factors	3780	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	699.16
Factors	699.164	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	263.68
Factors	263.679	Dollars					

Activity ID: 1E88640015 Description: Submit Demo RFP/Review Proposals

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886DMO030	Prepare/Submit Demolition Proposal	1.00	ea	EE	0	0	0	0	0	0	0	0
C886DMO040	Review Contractor's Proposal Demolition	1.00	ea	EE	0	0	0	1.719	0	1.719	0	1.719
C886DMO050	Award Demolition Contract to Approved Contractor	1.00	ea	EE	0	0	0	1.719	0	1.719	0	1.719
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	963	963	0	963
Total for Activity 1E88640015:						0	0	3.438	963	4.401	0	4.401

Line Item C886DMO030 - Prepare/Submit Demolition Proposal

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Prepare and submit demolition proposal in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Prepare and submit demolition proposal
Units - Dollars
Unit Cost - Unreimbursable subcontractor cost
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	0.00
Factors	0	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886DMO040 - Review Contractor's Proposal Demolition

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Review Contractor's proposal for demolition in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Review Contractor's proposal for demolition

WBS No: 1EED0601
Activity ID: 1E88640015

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Units - Dollars
Unit Cost - \$1890.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1.719.23	Dollars
	Factors 1890 Dollars			1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886DMO050 - Award Demolition Contract to Approved Contractor

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Award demolition contract to approved contractor in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Award demolition contract to approved contractor Units - Dollars Unit Cost - \$1890.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.719.23	Dollars
	Factors	1890 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE												
Resources												
	Cost Element				Skill		Department			Curve	Quantity	Units
	CON	CONTINGENCY			0000	NONE	ZDEPT	No Department		Linear	699.16	Dollars
	Factors 699.164 Dollars											
	ESC	ESCALATION			0000	NONE	ZDEPT	No Department		Linear	263.68	Dollars
Factors 263.679 Dollars												

Activity ID: 1E88640020 Description: Premobilization/Contractor Training - Demolition

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886DMO060	Review & Approve Contractor HSP/Work Plans	1.00	ea	EE	80	80	2.795	0	0	2.795	967	3.762
C886DMO070	Train Contractor's Personnel	1.00	ea	EE	80	80	2.002	0	0	2.002	693	2.694
C886DMO080	Contractor Mobilization Coordination	1.00	ea	EE	0	0	0	4.503	0	4.503	0	4.503
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.069	3.069	0	3.069
Total for Activity 1E88640020:						160	4.797	4.503	3.069	12.368	1.660	14.028

Line Item C886DMO060 - Review & Approve Contractor HSP/Work Plans

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Review and approve contractor Health and Safety and Work Plans in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Review and approve contractor Health and Safety and Work Plans Units - Hours Unit Cost - 90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
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WBS No: 1EED0601
Activity ID: 1E88640020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	80.04	Hours
Factors	90	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886DMO070 - Train Contractor's Personnel

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Train selected contractor's personnel in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Train selected contractor's personnel Units - Hours Unit Cost - 90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	80.04	Hours
Factors	90	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886DMO080 - Contractor Mobilization Coordination

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Coordinate contractor's mobilization in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Coordinate contractor's mobilization Units - Dollars Unit Cost - \$4950.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.502.75	Dollars
Factors	4950	Dollars							

1.02283 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2.228.42	Dollars
Factors	2228.43	Dollars							
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	840.42	Dollars
Factors	840.417	Dollars							

Activity ID: 1E88640035 Description: Readiness Evaluation - Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
REDEMO010	RMRS Readiness Evaluation 886 Cluster Demolition	1.00	ea	EE	192	192	9.585	0	0	9.585	2.703	12.288
REDEMO020	K-H Readiness Evaluation 886 Cluster Demolition	1.00	ea	EE	107	107	5.704	48.393	0	54.097	1.609	55.706
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.783	9.783	0	9.783

WBS No: 1EED0601
Activity ID: 1E88640035

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total for Activity 1E88640035:

299	15,289	48,393	9,783	73,465	4,311	77,776
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Line Item REDEMO010 - RMRS Readiness Evaluation 886 Cluster Demolition

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: RMRS Demolition Readiness Evaluation in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - RMRS Demolition Readiness Evaluation Units - Hours Unit Cost - 189, 27 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Cost Element			Skill			Department			Curve	Quantity	Units
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried		Linear	168.09	Hours
Factors 189 Hours											
0.88934 [SYS 061400] .88934200 - Svsstem											
750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried		Linear	24.01	Hours
Factors 27 Hours											
0.88934 [SYS 061400] .88934200 - Svsstem											

Line Item REDEMO020 - K-H Readiness Evaluation 886 Cluster Demolition

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: K-H Readiness Evaluation in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - K-H Readiness Evaluation Units - Hours, Dollars Unit Cost - 120, 53200.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Cost Element			Skill			Department			Curve	Quantity	Units
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill		Linear	106.72	Hours
Factors 120 Hours											
0.88934 [SYS 061400] .88934200 - Svsstem											
A5H	SUBCONTRACTED SRVS		0000	NONE		K100S	Kaiser-Hill		Linear	48,393.15	Dollars
Factors 53200 Dollars 1.02283 -- FY00 Escalation --											
0.88934 [SYS 061400] .88934200 - Svsstem											

Line Item SYS - Contingency And Escalation

BOE												
Resources	Cost Element			Skill			Department			Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE		ZDEPT	No Department		Linear	3,254.34	Dollars
	Factors 3254.34 Dollars											
Resources	ESC	ESCALATION		0000	NONE		ZDEPT	No Department		Linear	6,528.49	Dollars
	Factors 6528.49 Dollars											

Activity ID: 1E88640045

Description: Readiness Evaluatoin - Ventilation

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
REVENT010	RMRS -Readiness Evaluation-Ventilation Removal	1.00	ea	EE	288	288	11,987	0	0	11,987	4,147	16,134
REVENT020	K-H - Readiness Evaluation - Ventilation Removal	1.00	ea	EE	107	107	5,704	48,393	0	54,097	1,974	56,071

WBS No: 1EED0601
Activity ID: 1E88640045

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	20.219	20.219	0	20.219
Total for Activity 1E88640045:						395	17.691	48.393	20.219	86.303	6.121	92.425

Line Item REVENT010 - RMRS -Readiness Evaluation-Ventilation Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: RMRS Readiness Evaluation for Ventilation Removal in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - RMRS Readiness Evaluation for Ventilation Removal Units - Hours Unit Cost - 189, 135 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	168.09	Hours
	Factors		189	Hours							
								0.88934	ISYS 0614001.88934200 - System		
	750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried	Linear	120.06	Hours
	Factors		135	Hours							

0.88934 [SYS 061400] .88934200 - Svstem
0.88934 [SYS 061400] .88934200 - Svstem

Line Item REVENT020 - K-H - Readiness Evaluation - Ventilation Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: K-H Readiness Evaluation for Ventilation Removal in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - K-H Readiness Evaluation for Ventilation Removal Units - Hours, Dollars Unit Cost - 120, 53200.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill	Linear	106.72	Hours
	Factors		120	Hours							
A5H			SUBCONTRACTED SRVS		0000	NONE		K100S	Kaiser-Hill	0.88934	ISYS 0614001.88934200 - System
Factors		53200	Dollars	1.02283		-- FY00 Escalation --		Linear	48.393.15	Dollars	

0.88934 [SYS 061400] .88934200 - Svstem
0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	14.682.00	Dollars
	Factors		14682 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	5.537.09	Dollars
	Factors		5537.09 Dollars							

Activity ID: 1E88641005 Description: B886 Rm 101 Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101DC010	Decon Assembly hood	1.00	ea	EE	727	727	15.007	0	0	15.007	5.192	20.200

WBS No: 1EED0601
Activity ID: 1E88641005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

R101DC020	101 Decon/Floor Fixative (as Required)	1.00	ea	EE	227	227	4.683	0	0	4.683	1.620	6.303
R101DC030	Apply Fixative to Ducts (R101)	1.00	ea	EE	378	378	7.805	0	0	7.805	2.701	10.506
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	10.363	10.363	0	10.363
Total for Activity 1E88641005:						1.332	27.495	0	10.363	37.859	9.513	47.372

Line Item R101DC010 - Decon Assembly hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Decon Assembly Hood in R101 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Decon Assembly Hood in R101 Units - Hours Unit Cost - 297.36, 520.38 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	264.45	Hours
Factors									297.36	Hours
									0.88934	[SYS 061400] .88934200 - Svstem
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	462.80	Hours
Factors									520.38	Hours
									0.88934	[SYS 061400] .88934200 - Svstem

Line Item R101DC020 - 101 Decon/Floor Fixative (as Required)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Decon and or apply fixative to floor in R101 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Decon and or apply fixative to floor in R101 Units - Hours Unit Cost - 127.44, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
Factors			127.44	Hours		0.88934 [SYS 061400] .88934200 - Svstem				
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	113.34	Hours
Factors			127.44	Hours		0.88934 [SYS 061400] .88934200 - Svstem				

Line Item R101DC030 - Apply Fixative to Ducts (R101)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply fixative to ducts in R101 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply fixative to ducts in R101 Units - Hours Unit Cost - 212.4, 212.4 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A											
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WBS No: 1EED0601
Activity ID: 1E88641005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	188.90	Hours	
	Factors 212.4 Hours										
									0.88934	[SYS 061400]	.88934200 - Svstem
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	188.90	Hours	
Factors 212.4 Hours											
									0.88934	[SYS 061400]	.88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE											
Resources											
	Cost Element			Skill			Department			Curve	Quantity Units
	CON	CONTINGENCY		0000	NONE		ZDEPT	No Department		Linear	7.525.25 Dollars
	Factors 7525.25 Dollars										
	ESC	ESCALATION		0000	NONE		ZDEPT	No Department		Linear	2.838.04 Dollars
Factors 2838.04 Dollars											

Activity ID: 1E88641006 Description: B886 Rm 101 Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101DC010	Decon Assembly hood	1.00	ea	EE	873	873	18,009	0	0	18,009	6,231	24,240
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6,788	6,788	0	6,788
Total for Activity 1E88641006:						873	18,009	0	6,788	24,796	6,231	31,027

Line Item R101DC010 - Decon Assembly hood

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).

Costs included in this activity are: Decon Assembly Hood in R101 in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Decon Assembly Hood in R101

Units - Hours

Unit Cost - 297.36, 520.38

Unit Cost Adjustment factor - None

Revised Unit Cost - N/A

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	317.34	Hours
Factors	356.83	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	555.36	Hours	
Factors	624.46	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item SYS - Contingency And Escalation

BOE											
Resources											
	Cost Element			Skill		Department			Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department		Linear	4.928.79	Dollars
	Factors	4928.79 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department		Linear	1.858.82	Dollars
	Factors	1858.82 Dollars									

Activity ID: 1E88641010 Description: B886 Rm 101 Decontamination FY00

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1EED0601
Activity ID: 1E88641010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

R101DC040	Foam 101 Foundation Ventilation	1.00	ea	EE	113	113	2.338	0	0	2.338	659	2.998
R101DC050	Characterization Surveys	1.00	ea	EE	151	151	3.136	0	0	3.136	884	4.020
R101DC060	Final Surveys R101	1.00	ea	EE	94	94	1.960	0	0	1.960	553	2.512
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.371	1.371	0	1.371
Total for Activity 1E88641010:						359	7.434	0	1.371	8.805	2.096	10.901

Line Item R101DC040 - Foam 101 Foundation Ventilation

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Foam Room 101 Foundation Ventilation in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Foam Room 101 Foundation Ventilation Units - Hours Unit Cost - 42.48, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
	Factors 42.48 Hours			0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	75.56	Hours
	Factors 84.96 Hours			0.88934 [SYS 061400] .88934200 - Svstem						

Line Item R101DC050 - Characterization Surveys

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Characterization Surveys in Room 101 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Characterization Surveys in Room 101 Units - Hours Unit Cost - 169.92 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	151.12	Hours
Factors 169.92 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item R101DC060 - Final Surveys R101

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Final Surveys in Room 101 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Final Surveys in Room 101 Units - Hours Unit Cost - 106.2 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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WBS No: 1EED0601
Activity ID: 1E88641010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	94.45	Hours
	Factors 106.2 Hours								

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	456.13	Dollars
	Factors 456.125 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	915.03	Dollars
	Factors 915.027 Dollars								

Activity ID: 1E88642000 Description: ROOM 102 DECONTAMINATION

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R102DC010	Apply Fixative to Ducts (R102)	1.00	ea	EE	57	57	1.169	0	0	1.169	330	1.499
R102DC020	Decon/Floor Fixative - R102	1.00	ea	EE	57	57	1.169	0	0	1.169	330	1.499
R102DC030	Characterization Surveys - R102	1.00	ea	EE	38	38	784	0	0	784	221	1.005
R102DC040	Final Surveys R102	1.00	ea	EE	19	19	392	0	0	392	111	502
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	648	648	0	648
Total for Activity 1E88642000:						170	3.514	0	648	4.162	991	5.153

Line Item R102DC010 - Apply Fixative to Ducts (R102)

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Apply Fixative to Ducts in R102 in support of the 886 Cluster Removal Project. 10 day duration 11/08/99-11/19/99
Breakdown of Cost Data:
Item - Apply Fixative to Ducts in R102
Units - Hours
Unit Cost - 21.24, 42.48
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	18.89	Hours
	Factors 21.24 Hours										
								0.88934	ISYS 0614001.88934200 - Ssystem		
750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	37.78		Hours
Factors 42.48 Hours											

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item R102DC020 - Decon/Floor Fixative - R102

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Decon/Floor Fixative in Room 102 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Decon/Floor Fixative in Room 102
Units - Hours
Unit Cost - 21.24, 42.48
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0601
Activity ID: 1E88642000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	18.89	Hours
	Factors 21.24 Hours										
									0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	37.78	Hours	
Factors 42.48 Hours											
									0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R102DC030 - Characterization Surveys - R102

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Characterization Surveys in R102 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Characterization Surveys in R102 Units - Hours Unit Cost - 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors		42.48 Hours								
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item R102DC040 - Final Surveys R102

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Final Surveys in R102 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Final Surveys in R102 Units - Hours Unit Cost - 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors		21.24	Hours							
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item SYS - Contingency And Escalation

BOE										
Resources										
	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	215.62	Dollars
	Factors		215.620 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	432.55	Dollars
Factors		432.553 Dollars								

Activity ID: 1E88643005 Description: B886 Rm 103 Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886DCN010	Apply Fixative to Ducts (R103)	1.00	ea	EE	567	567	11.708	0	0	11.708	3.780	15.488
R103DC010	Apply Fixative - Hood R103	1.00	ea	EE	76	76	1.561	0	0	1.561	504	2.065

WBS No: 1EED0601
Activity ID: 1E88643005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

R103DC020	Apply Fixative to Tanks - Transfer Cart R103	1.00	ea	EE	151	151	3.122	0	0	3.122	1.008	4.130
R103DC030	Decon Tent	1.00	ea	EE	567	567	11.708	0	0	11.708	3.780	15.488
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	8.348	8.348	0	8.348
Total for Activity 1E88643005:						1.360	28.099	0	8.348	36.446	9.073	45.519

Line Item C886DCN010 - Apply Fixative to Ducts (R103)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply Fixative to Ducts in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply Fixative to Ducts in R103 Units - Hours Unit Cost - 318.6, 318.6 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	283.34	Hours
Factors 318.6 Hours										
								0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	283.34	Hours
Factors 318.6 Hours										
								0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R103DC010 - Apply Fixative - Hood R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply Fixative to Hood in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply Fixative to Hood in R103 Units - Hours Unit Cost - 42.48, 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors		42.48	Hours							
								0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	37.78	Hours
Factors		42.48	Hours							
								0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R103DC020 - Apply Fixative to Tanks - Transfer Cart R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply Fixative to Tanks and Transfer Cart in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply Fixative to Tanks and Transfer Cart Units - Hours Unit Cost - 84.96, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A											
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WBS No: 1EED0601
Activity ID: 1E88643005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
Factors 84.96 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Factors 84.96 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DC030 - Decon Tent

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Costs included in this activity are: Decon Tent in R103 in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data:</p> <ul style="list-style-type: none">Item - Decon Tent in R103Units - HoursUnit Cost - 318.6, 318.6Unit Cost Adjustment factor - NoneRevised Unit Cost - N/ABasis for adjustment - N/A <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	283.34	Hours
Factors 318.6 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Factors 318.6 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	5.245.70	Dollars	
	Factors 5245.71 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.101.96	Dollars	
	Factors 3101.96 Dollars									

Activity ID: 1E88643006 Description: B886 Rm 103 Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R103DC010	Apply Fixative - Hood R103	1.00	ea	EE	91	91	1.873	0	0	1.873	648	2.522
R103DC020	Apply Fixative to Tanks - Transfer Cart R103	1.00	ea	EE	181	181	3.746	0	0	3.746	1.296	5.043
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.118	2.118	0	2.118
Total for Activity 1E88643006:						272	5.620	0	2.118	7.738	1.944	9.682

Line Item R103DC010 - Apply Fixative - Hood R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply Fixative to Hood in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply Fixative to Hood in R103 Units - Hours Unit Cost - 42.48, 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A									
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WBS No: 1EED0601
Activity ID: 1E88643006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	45.34	Hours
Factors 50.98 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	45.34	Hours
Factors 50.98 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item R103DC020 - Apply Fixative to Tanks - Transfer Cart R103

BOE
Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Apply Fixative to Tanks and Transfer Cart in R103 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Apply Fixative to Tanks and Transfer Cart
Units - Hours
Unit Cost - 84.96, 84.96
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	90.67	Hours
Factors 101.95 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	90.67	Hours
Factors 101.95 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1,538.09	Dollars
Factors 1538.09 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	580.07	Dollars
Factors 580.068 Dollars									

Activity ID: 1E88643010 Description: B886 Rm 103 Decontamination FY00

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886DCN020	Applv Floor Fixative - R103	1.00	ea	EE	57	57	1,169	0	0	1,169	330	1,499
R103DC040	Characterization Surveys	1.00	ea	EE	151	151	3,136	0	0	3,136	884	4,020
R103DC050	Final Surveys R103	1.00	ea	EE	38	38	784	0	0	784	221	1,005
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	939	939	0	939
Total for Activity 1E88643010:						246	5,089	0	939	6,027	1,435	7,462

Line Item C886DCN020 - Apply Floor Fixative - R103

BOE
Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Apply Fixative to floor in R103 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Apply Fixative to floor in R103
Units - Hours
Unit Cost - 21.24, 42.48

WBS No: 1EED0601
Activity ID: 1E88643010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources	Cost Element			Skill		Denarment		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors 21.24 Hours										
0.88934 [SYS 061400] .88934200 - System										
750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	37.78	Hours	
Factors 42.48 Hours										

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DC040 - Characterization Surveys

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Characterization Surveys in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Characterization Surveys in R103 Units - Hours Unit Cost - 169.92 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	151.12	Hours
	Factors 169.92 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DC050 - Final Surveys R103

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Final Surveys in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Final Surveys in R103 Units - Hours Unit Cost - 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
	Factors		42.48	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	312.24	Dollars
	Factors	312.24 Dollars								
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	626.38	Dollars
	Factors	626.38 Dollars								

Activity ID: 1E88644000 Description: ROOM 104 DISMANTLEMENT

Cost Risk 2 Schedule Risk 4

WBS No: 1EED0601
Activity ID: 1E88644000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R104DM010	Srvv/Rmv/Pka Inst & Cntrl R104	1.00	ea	EE	227	227	4.793	0	0	4.793	1.658	6.451
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.807	1.807	0	1.807
Total for Activity 1E88644000:						227	4.793	0	1.807	6.600	1.658	8.258

Line Item R104DM010 - Srvv/Rmv/Pkg Inst & Cntrl R104

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Survey, remove and package instrumentation and controls in R104 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Survey, remove and package instrumentation and controls in R104 Units - Hours Unit Cost - 127.44, 63.72, 63.72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	113.34 Hours
Factors		127.44 Hours					
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	56.67 Hours
Factors		63.72 Hours					
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	56.67 Hours
Factors		63.72 Hours					
		0.88934 [SYS 061400] .88934200 - Svsstem					
		0.88934 [SYS 061400] .88934200 - Svsstem					
		0.88934 [SYS 061400] .88934200 - Svsstem					

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	1.311.81	Dollars
	Factors		1311.82 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	494.73	Dollars
	Factors		494.731 Dollars							

Activity ID: 1E88645000

Description: ROOM 104 DECONTAMINATION

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R104DC010	Decon/Floor Fixative - R104	1.00	ea	EE	57	57	1.169	0	0	1.169	373	1.542
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	339	339	0	339
Total for Activity 1E88645000:						57	1.169	0	339	1.508	373	1.881

Line Item R104DC010 - Decon/Floor Fixative - R104

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Decon and or apply fixative to floor in R104 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Decon and or apply fixative to floor in R104 Units - Hours Unit Cost - 21.24, 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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WBS No: 1EED0601
Activity ID: 1E88645000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors 21.24 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Factors 42.48 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	208.30	Dollars
Factors 208.297 Dollars									
Factors 130.373 Dollars									

Activity ID: 1E88645005 Description: ROOM 104 DECONTAMINATION FY00

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R104DC020	Characterization Surveys (104/108)	1.00	ea	EE	38	38	784	0	0	784	221	1,005
R104DC030	Final Surveys (104/108)	1.00	ea	EE	19	19	392	0	0	392	111	502
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	217	217	0	217
Total for Activity 1E88645005:						57	1,176	0	217	1,393	332	1,724

Line Item R104DC020 - Characterization Surveys (104/108)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Characterization surveys in R104 and R108 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Characterization surveys in R104 and R108 Units - Hours Unit Cost - 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors 42.48 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R104DC030 - Final Surveys (104/108)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Perform final surveys in R104 and R108 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Perform final surveys in R104 and R108 Units - Hours Unit Cost - 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88645005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors	21.24	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	72.15	Dollars
	Factors 72.1516 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	144.74	Dollars
	Factors 144.742 Dollars								

Activity ID: 1E8864T000 Description: B886 Tunnel Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B886EX040	Characterization Survey - Emagcy Pwr Pit	1.00	ea	EE	19	19	392	0	0	392	111	502
B886EX050	Final Surveys - Drain Manholes/Emagcy Pwr Pit	1.00	ea	EE	170	170	3,517	0	0	3,517	992	4,509
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	721	721	0	721
Total for Activity 1E8864T000:						189	3,909	0	721	4,630	1,102	5,733

Line Item B886EX040 - Characterization Survey - Emagcy Pwr Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Perform characterization surveys in the emergency power pit in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Perform characterization surveys in the emergency power pit Units - Hours Unit Cost - 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
	Factors 21.24 Hours									

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item B886EX050 - Final Surveys - Drain Manholes/Emagcy Pwr Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Perform final surveys and drain manholes and emergency power pit in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Perform final surveys and drain manholes and emergency power pit Units - Hours Unit Cost - 127.44, 63.72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors	127.44	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0601
Activity ID: 1E8864T000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	56.67	Hours
Factors	63.72	Hours						

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	239.88	Dollars
Factors	239.879	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	481.22	Dollars
Factors	481.219	Dollars			

Activity ID: 1E88651010 Description: R104 PLANNING & ENGINEERING

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R104PE010	Engineering - Inst & Cntrls R104	1.00	ea	EE	0	0	0	1.842	0	1.842	0	1.842
R104PE020	IWCP/AHA/AJA/RWP - Fixative R104	1.00	ea	EE	13	13	373	0	0	373	129	502
R104PE030	IWCP/AHA/AJA/RWP - Inst & Cntrl R104	1.00	ea	EE	63	63	1.864	0	0	1.864	645	2.508
R104PE040	ORC - Inst & Cntrls R104	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.576	1.576	0	1.576
Total for Activity 1E88651010:						87	2.854	1.842	1.576	6.272	988	7.260

Line Item R104PE010 - Engineering - Inst & Cntrls R104

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 2025.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	1.842	Dollars
Factors	2025	Dollars			

1.02283 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item R104PE020 - IWCP/AHA/AJA/RWP - Fixative R104

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 1.18, 1.18, 10.62, 1.18
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E080 NUCLEAR (CRITICALITY) ENGINEER	R100S RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours			

0.88934 [SYS 061400] .88934200 - Ssystem

WBS No: 1EED0601
Activity ID: 1E88651010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	9.44	Hours
Factors	10.62	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R104PE030 - IWCP/AHA/AJA/RWP - Inst & Cntrl R104

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - HOURS
Unit Cost - 5.9, 5.9, 53.1, 5.9
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours
Factors	53.1	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R104PE040 - ORC - Inst & Cntrls R104

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88651010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	1.139.98	Dollars
Factors	1139.98	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	435.87	Dollars
Factors	435.873	Dollars			

Activity ID: 1E88651015 Description: B886 Rm 101 Dismantlement - FY01

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101DM010	Remove/Package Shielding Blocks	1.00	ea	EE	378	378	7.792	0	0	7.792	2.696	10.487
R101DM020	Disassemble Assembly Hood Platform	1.00	ea	EE	623	623	12.863	0	0	12.863	4.451	17.314
R101DM030	Dismantle Mezzanine Rm 101	1.00	ea	EE	416	416	8.576	0	0	8.576	2.967	11.543
R101DM040	Disassemble/Size Reduce Assembly Hood	1.00	ea	EE	1.766	1.766	36.446	0	0	36.446	12.610	49.056
R101DM050	Remove Ventilation back to Tunnel (R101)	1.00	ea	EE	227	227	4.683	0	0	4.683	1.620	6.303
R101DM060	Disassemble Crane	1.00	ea	EE	302	302	6.231	0	0	6.231	2.156	8.386
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	28.867	28.867	0	28.867
Total for Activity 1E88651015:						3.712	76.590	0	28.867	105.457	26.500	131.958

Line Item R101DM010 - Remove/Package Shielding Blocks

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove and package shielding blocks in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Remove and package shielding blocks
Units - Hours
Unit Cost - 127.44, 297.36
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	113.34	Hours
Factors	127.44	Hours			
0.88934 [SYS 061400] .88934200 - Ssystem					
750 STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	264.45	Hours
Factors	297.36	Hours			

0.88934 [SYS 061400] .88934200 - Ssystem

WBS No: 1EED0601
Activity ID: 1E88651015

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R101DM020 - Disassemble Assembly Hood Platform

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble Assembly Hood Platform in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble Assembly Hood Platform Units - Hours Unit Cost - 254.88, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.				
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	226.68	Hours
	Factors 254.88 Hours		0.88934 [SYS 061400] .88934200 - Svsstem						
Resources	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	396.68	Hours
	Factors 446.04 Hours		0.88934 [SYS 061400] .88934200 - Svsstem						

Line Item R101DM030 - Dismantle Mezzanine Rm 101

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Dismantle Mezzanine in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Dismantle Mezzanine Units - Hours Unit Cost - 169.92, 297.36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.				
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	151.12	Hours
	Factors 169.92 Hours			0.88934 [SYS 061400] .88934200 - Svsstem						
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	264.45	Hours
Factors 297.36 Hours			0.88934 [SYS 061400] .88934200 - Svsstem							

Line Item R101DM040 - Dissassemble/Size Reduce Assembly Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble and size reduce the assembly hood in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble and size reduce the assembly hood Units - Hours Unit Cost - 722.16, 1263.78 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.				
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88651015

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	642.25	Hours
Factors 722.16 Hours								

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	1.123.93	Hours
Factors 1263.78 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101DM050 - Remove Ventilation back to Tunnel (R101)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove ventilation back to tunnel in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove ventilation back to tunnel Units - Hours Unit Cost - 127.44, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors 127.44 Hours								

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R101DM060 - Disassemble Crane

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble Crane in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble Crane Units - Hours Unit Cost - 84.96, 254.88 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	75.56	Hours
	Factors 84.96 Hours									

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	226.68	Hours
Factors 254.88 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	20.961.97	Dollars
	Factors 20962 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	7.905.49	Dollars
	Factors 7905.49 Dollars									

Activity ID: 1E88651016 Description: B886 Rm 101 Dismantlement - FY00

Cost Risk 2 Schedule Risk 4

WBS No: 1EED0601
Activity ID: 1E88651016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101DM020	Disassemble Assembly Hood Platform	1.00	ea	EE	623	623	12.863	0	0	12.863	4.451	17.314
R101DM040	Dissassemble/Size Reduce Assembly Hood	1.00	ea	EE	2,119	2,119	43.735	0	0	43.735	15.132	58.868
R101DM045	Remove Scram Tank From Assv Hood	1.00	each	EE	528	528	10.901	0	0	10.901	3.772	14.673
R101DM050	Fabricate/Install HEPA Filter Frame	1.00	ea	EE	96	96	1.976	0	0	1.976	684	2.659
R101DM055	Remove Assv Hood Filters	1.00	each	EE	115	115	2.247	0	0	2.247	778	3.025
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	27.033	27.033	0	27.033
Total for Activity 1E88651016:						3.482	71.722	0	27.033	98.755	24.816	123.571

Line Item R101DM020 - Disassemble Assembly Hood Platform

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble Assembly Hood Platform in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble Assembly Hood Platform Units - Hours Unit Cost - 254.88, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	226.68	Hours
	Factors 254.88 Hours			0.88934 [SYS 061400] .88934200 - System						
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	396.68	Hours
Factors 446.04 Hours			0.88934 [SYS 061400] .88934200 - System							

Line Item R101DM040 - Dissassemble/Size Reduce Assembly Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble and size reduce the assembly hood in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble and size reduce the assembly hood Units - Hours Unit Cost - 722.16, 1263.78 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	770.69	Hours
	Factors 866.59 Hours			0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	1.348.72	Hours
Factors 1516.54 Hours			0.88934 [SYS 061400] .88934200 - Svstem							

Line Item R101DM045 - Remove Scram Tank From Assy Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove ventilation back to tunnel in support of the 886 Cluster Removal Project. Breakdown of Cost Data:
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WBS No: 1EED0601
Activity ID: 1E88651016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Item - Remove ventilation back to tunnel
Units - Hours
Unit Cost - 127.44, 127.44
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	192.10	Hours
Factors	216	Hours							
							0.88934	[SYS 061400]	.88934200 - Svsstem
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	336.17	Hours	
Factors	378	Hours							
							0.88934	[SYS 061400]	.88934200 - Svsstem

Line Item R101DM050 - Fabricate/Install HEPA Filter Frame

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove ventilation back to tunnel in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Remove ventilation back to tunnel
Units - Hours
Unit Cost - 127.44, 127.44
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	96.05	Hours
Factors	108	Hours						

0.88934 [SYS 061400] .88934200 - System

Line Item R101DM055 - Remove Assy Hood Filters

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove Assembly Hood Filters in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Remove Assembly Hood Filters
Units - Hours
Unit Cost - 127.44, 127.44
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		L060	MISSION SUP SPEC II (FLTTC. WS	C260S	Filter Systems	Linear	76.84	Hours
Factors	86.4	Hours							

0.88934 [SYS 061400] .88934200 - System

750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	38.42	Hours
Factors	43.2	Hours							

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources		Cost Element	Skill	Department		Curve	Quantity	Units		

WBS No: 1EED0601
Activity ID: 1E88651016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	19.629.76	Dollars
Factors	19629.8 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	7.403.07	Dollars
Factors	7403.07 Dollars							

Activity ID: 1E88651020 Description: B886 Rm 101 Dismantlement - FY01 Pt. 2

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R101DM070	Remove Instrumentation/Controls R101	1.00	ea	EE	144	144	3.065	0	0	3.065	875	3.941
R101DM080	Install Steel Plating (floors)	1.00	ea	EE	340	340	7.008	0	0	7.008	2.001	9.009
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.223	2.223	0	2.223
Total for Activity 1E88651020:						484	10.073	0	2.223	12.296	2.876	15.173

Line Item R101DM070 - Remove Instrumentation/Controls R101

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove instrumentation and controls in R101 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove instrumentation and controls in R101 Units - Hours Unit Cost - 108, 54 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		C020	ELECTRICIANS		R100S	RMRS Salaried	Linear	96.05	Hours
	Factors 108 Hours										
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	48.02	Hours
	Factors 54 Hours										

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R101DM080 - Install Steel Plating (floors)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Install steel plating over floor in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Install steel plating over floor Units - HOURS Unit Cost - 84.96, 297.36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	75.56	Hours
	Factors 84.96 Hours										
	0.88934 ISYS 0614001.88934200 - System										
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	264.45	Hours
Factors 297.36 Hours											

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0601
Activity ID: 1E88651020

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	994.36 Dollars
Factors		994.357 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.228.80 Dollars
Factors		1228.80 Dollars					

Activity ID: 1E88652000 Description: ROOM 102 DISMANTLEMENT

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R102DM010	Remove Ventilation back to 103 (RM102)	1.00	ea	EE	302	302	6.244	0	0	6.244	1.761	8.005
R102DM020	Survey/Remove/Package Electronics Rm 102	1.00	ea	EE	76	76	1.598	0	0	1.598	451	2.048
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.446	1.446	0	1.446
Total for Activity 1E88652000:						378	7.842	0	1.446	9.288	2.211	11.500

Line Item R102DM010 - Remove Ventilation back to 103 (RM102)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove ventilation back to R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove ventilation back to R103 Units - Hours Unit Cost - 169.92, 169.92 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	151.12 Hours
Factors		169.92 Hours					
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	151.12 Hours
Factors		169.92 Hours					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item R102DM020 - Survey/Remove/Package Electronics Rm 102

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Survey, remove, and package electronics in R102 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Survey, remove, and package electronics in R102 Units - Hours Unit Cost - 42.48, 21.24, 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	37.78 Hours
Factors		42.48 Hours					
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89 Hours
Factors		21.24 Hours					

0.88934 [SYS 061400] .88934200 - Ssystem

WBS No: 1EED0601
Activity ID: 1E88652000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	18.89	Hours
Factors	21.24	Hours						

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	481.17	Dollars
Factors	481.173	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	965.27	Dollars
Factors	965.274	Dollars			

Activity ID: 1E88653005 Description: B886 Rm 103 Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R103DM010	Dismantle Shower & Misc. Equip. Rm 103	1.00	ea	EE	425	425	8.760	0	0	8.760	2.908	11.667
R103DM020	Disconnect Ventilation - Hood R103	1.00	ea	EE	926	926	19.367	0	0	19.367	6.429	25.796
R103DM030	Remove HEUN Piping fm Hallway	1.00	ea	EE	227	227	4.673	0	0	4.673	1.551	6.224
R103DM040	Room 103 Doorway Cutout	1.00	ea	EE	378	378	7.839	0	0	7.839	2.602	10.441
R103DM050	Dismantle/Size Reduce/Package - Hood	1.00	ea	EE	283	283	5.849	0	0	5.849	1.942	7.790
R103DM060	Disassemble/Package Transfer Cart	1.00	ea	EE	283	283	5.849	0	0	5.849	1.942	7.790
R103DM070	Disconnect Domestic Water - Shower R103	1.00	ea	EE	57	57	1.169	0	0	1.169	388	1.557
R103DM080	Remove Wall - Shower R103	1.00	ea	EE	76	76	1.561	0	0	1.561	518	2.079
R103DM090	Remove Light Fixtures/Conduit - SS R103	1.00	ea	EE	57	57	1.209	0	0	1.209	401	1.610
R103DM100	Size Reduce/Package SS Room (Rm 103)	1.00	ea	EE	604	604	12.461	0	0	12.461	4.136	16.598
R103DM110	Disconnect Utilities GB	1.00	ea	EE	32	32	693	0	0	693	230	922
R103DM120	Build Tent - GB R103	1.00	ea	EE	510	510	10.512	0	0	10.512	3.489	14.001
R103DM130	Remove Interferences - Tent R103	1.00	ea	EE	510	510	10.512	0	0	10.512	3.489	14.001
R103DM140	Disconnect Ventilation GB R103	1.00	ea	EE	113	113	2.352	0	0	2.352	781	3.132
R103DM150	Remove Filters - GB R103	1.00	ea	EE	227	227	4.683	0	0	4.683	1.555	6.238
R103DM160	Dismantle Size Red/Package GB Rm 103	1.00	ea	EE	1.445	1.445	29.783	0	0	29.783	9.886	39.669
R103DM170	Deactivate Facility Crit System	1.00	ea	EE	16	16	302	0	0	302	100	402
R103DM180	Remove/Package Tent	1.00	ea	EE	170	170	3.504	0	0	3.504	1.163	4.667
R103DM190	Remove Ventilation back to tunnel (R103)	1.00	ea	EE	567	567	11.708	0	0	11.708	3.886	15.594
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	45.066	45.066	0	45.066
Total for Activity 1E88653005:						6.905	142.784	0	45.066	187.850	47.397	235.247

Line Item R103DM010 - Dismantle Shower & Misc. Equip. Rm 103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Dismantle shower and miscellaneous equipment in R103 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Dismantle shower and miscellaneous equipment in R103
Units - Hours
Unit Cost - 106.2, 371.7
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	94.45	Hours
Factors	106.2	Hours			

0.88934 [SYS 061400] .88934200 - Ssystem

WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	330.57	Hours
Factors	371.7	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R103DM020 - Disconnect Ventilation - Hood R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect ventilation from the hood in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect ventilation from the hood in R103 Units - Hours Unit Cost - 297.36, 297.36, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	264.45	Hours
	Factors 297.36 Hours								

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	264.45	Hours
Factors	297.36	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	396.68	Hours
Factors	446.04	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R103DM030 - Remove HEUN Piping fm Hallway

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove HEUN piping from the hallway in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove HEUN piping from the hallway Units - hours Unit Cost - 63.72, 191.16 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources											
	Cost Element			Skill			Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	56.67	Hours
Factors	63.72		Hours								

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	170.01	Hours
Factors	191.16	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R103DM040 - Room 103 Doorway Cutout

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Room 103 doorway cutout in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Room 103 doorway cutout Units - Hours Unit Cost - 424.8							
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WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	377.79	Hours
	Factors 424.8 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM050 - Dismantle/Size Reduce/Package - Hood

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Dismantle, size reduce and package the hood in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Dismantle, size reduce and package the hood Units - Hours Unit Cost - 127.44, 191.16 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors	127.44	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	170.01	Hours
Factors	191.16	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM060 - Disassemble/Package Transfer Cart

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Dissassemble and package the transfer cart in support of the 886 Cluster Removal Project. Item - Dissassemble and package the transfer cart Units - Hours Unit Cost - 127.44, 191.16 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors 127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	170.01	Hours
Factors	191.16	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM070 - Disconnect Domestic Water - Shower R103

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect Domestic Water from the shower in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect Domestic Water from the shower								
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WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Units - Hours
Unit Cost - 21.24, 42.48
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill			Department			Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried		Linear	18.89	Hours
	Factors 21.24 Hours											
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried		Linear	37.78	Hours
	Factors 42.48 Hours											

0.88934 [SYS 061400] .88934200 - Svstem
0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM080 - Remove Wall - Shower R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Removal Wall next to shower in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Removal Wall next to shower Units - Hours Unit Cost - 42.48, 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors	42.48	Hours								
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	0.88934	ISYS 0614001.88934200 - System	
Factors	42.48	Hours								

0.88934 [SYS 061400] .88934200 - Svstem
0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM090 - Remove Light Fixtures/Conduit - SS R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove light fixtures and conduit from the stainless steel room in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove light fixtures and conduit from the stainless steel room Units - Hours Unit Cost - 42.48, 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		C020	ELECTRICIANS		R100S	RMRS Salaried	Linear	37.78Hours
	Factors 42.48 Hours									
				0.88934 ISYS 0614001.88934200 - System						
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	18.89Hours
Factors 21.24 Hours										

0.88934 [SYS 061400] .88934200 - Svstem
0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R103DM100 - Size Reduce/Package SS Room (Rm 103)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Size reduce and package the stainless steel room in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Size reduce and package the stainless steel room Units - Hours Unit Cost - 169.92, 509.76 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.				
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	151.12	Hours
Factors 169.92 Hours										
								0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	453.35	Hours	
Factors 509.76 Hours										
								0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R103DM110 - Disconnect Utilities GB

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect utilities from the glovebox in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect utilities from the glovebox Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.				
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours
	Factors 36 Hours								
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item R103DM120 - Build Tent - GB R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Build tent for glovebox in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Build tent for glovebox Units - Hours Unit Cost - 127.44, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.				
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors 127.44 Hours								
0.88934 [SYS 061400] .88934200 - Svstem									

WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	396.68	Hours
Factors	446.04	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM130 - Remove Interferences - Tent R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove interferences in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove interferences Units - Hours Unit Cost - 127.44, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors	127.44	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	396.68	Hours
Factors	446.04	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM140 - Disconnect Ventilation GB R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect ventilation from the glovebox in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect ventilation from the glovebox Units - Hours Unit Cost - 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources									
Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
Factors	127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM150 - Remove Filters - GB R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove filters from the glovebox in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove filters from the glovebox Units - hours Unit Cost - 127.44, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM160 - Dismantle Size Red/Package GB Rm 103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Dismantle, size reduce and package the glovebox in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Dismantle, size reduce and package the glovebox Units - Hours Unit Cost - 1263.78, 361.08 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	321.12	Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	1,123.93	Hours
Factors 1263.78 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM170 - Deactivate Facility Crit System

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Deactivate the facility crit system in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Deactivate the facility crit system Units - Hours Unit Cost - 18 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	L060	MISSION SUP SPEC II (FLTTCCH. WS	R100S	RMRS Salaried	Linear	16.01	Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM180 - Remove/Package Tent

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package the tent in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package the tent Units - 1 Lot Unit Cost - 180 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A							
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WBS No: 1EED0601
Activity ID: 1E88653005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	37.78	Hours

Factors 42.48 Hours

750 STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	132.23	Hours
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Factors 148.68 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM190 - Remove Ventilation back to tunnel (R103)

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove ventilation back to the tunnel in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Remove ventilation back to the tunnel
Units - Hours
Unit Cost - 318.6, 318.6
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	283.34	Hours

Factors 318.6 Hours

750 STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	283.34	Hours
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Factors 318.6 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	29.705.22	Dollars

Factors 29705.2 Dollars

ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	15.360.82	Dollars
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Factors 15360.8 Dollars

Activity ID: 1E88653006 Description: B886 Rm 103 Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R103DM020	Disconnect Ventilation - Hood R103	1.00	ea	EE	1.333	1.333	27.889	0	0	27.889	9.650	37.539
R103DM030	Remove HEUN Pipina fm Hallwav	1.00	ea	EE	272	272	5.607	0	0	5.607	1.940	7.548
R103DM050	Dismantle/Size Reduce/Package - Hood	1.00	ea	EE	374	374	7.730	0	0	7.730	2.675	10.405
R103DM060	Disassemble/Package Transfer Cart	1.00	ea	EE	374	374	7.730	0	0	7.730	2.675	10.405
R103DM090	Remove Light Fixtures/Conduit - SS R103	1.00	ea	EE	68	68	1.451	0	0	1.451	502	1.953
R103DM100	Size Reduce/Package SS Room (Rm 103)	1.00	ea	EE	725	725	14.953	0	0	14.953	5.174	20.127
R103DM110	Disconnect Utilities GB	1.00	ea	EE	32	32	693	0	0	693	240	932
R103DM120	Build Tent - GB R103	1.00	ea	EE	612	612	12.614	0	0	12.614	4.364	16.978
R103DM130	Remove Interferences - Tent R103	1.00	ea	EE	612	612	12.614	0	0	12.614	4.364	16.978
R103DM140	Disconnect Ventilation GB R103	1.00	ea	EE	136	136	2.822	0	0	2.822	976	3.799
R103DM150	Remove Filters - GB R103	1.00	ea	EE	272	272	5.620	0	0	5.620	1.944	7.564
R103DM160	Dismantle Size Red/Package GB Rm 103	1.00	ea	EE	1.734	1.734	35.739	0	0	35.739	12.366	48.105
R103DM180	Remove/Package Tent	1.00	ea	EE	204	204	4.205	0	0	4.205	1.455	5.660
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	52.642	52.642	0	52.642
Total for Activity 1E88653006:						6.748	139.667	0	52.642	192.309	48.325	240.634

WBS No: 1EED0601
Activity ID: 1E88653006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R103DM020 - Disconnect Ventilation - Hood R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect ventilation from the hood in R103 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect ventilation from the hood in R103 Units - Hours Unit Cost - 297.36, 297.36, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	380.82	Hours
Factors	428.2	Hours	0.88934 [SYS 061400] .88934200 - Svsstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	380.82	Hours	
Factors	428.2	Hours	0.88934 [SYS 061400] .88934200 - Svsstem						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	571.22	Hours	
Factors	642.3	Hours	0.88934 [SYS 061400] .88934200 - Svsstem						

Line Item R103DM030 - Remove HEUN Piping fm Hallway

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove HEUN piping from the hallway in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove HEUN piping from the hallway Units - hours Unit Cost - 63.72, 191.16 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	68.00	Hours
Factors	76.46	Hours	0.88934 [SYS 061400] .88934200 - Svsstem						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	204.01	Hours	
Factors	229.39	Hours	0.88934 [SYS 061400] .88934200 - Svsstem						

Line Item R103DM050 - Dismantle/Size Reduce/Package - Hood

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Dismantle, size reduce and package the hood in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Dismantle, size reduce and package the hood Units - Hours Unit Cost - 127.44, 191.16 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					

WBS No: 1EED0601
Activity ID: 1E88653006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	204.01	Hours

Factors 229.39 Hours

750 STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	170.01	Hours
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Factors 191.16 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM060 - Disassemble/Package Transfer Cart

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Dissassemble and package the transfer cart in support of the 886 Cluster Removal Project.
Item - Dissassemble and package the transfer cart
Units - Hours
Unit Cost - 127.44, 191.16
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	204.01	Hours

Factors 229.39 Hours

750 STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	170.01	Hours
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Factors 191.16 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - System

Line Item R103DM090 - Remove Light Fixtures/Conduit - SS R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove light fixtures and conduit from the stainless steel room in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Remove light fixtures and conduit from the stainless steel room
Units - Hours
Unit Cost - 42.48, 21.24
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	C020 ELECTRICIANS	R100S RMRS Salaried	Linear	45.34	Hours

Factors 50.98 Hours

750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	22.67	Hours
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Factors 25.49 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM100 - Size Reduce/Package SS Room (Rm 103)

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Size reduce and package the stainless steel room in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Size reduce and package the stainless steel room
Units - Hours

WBS No: 1EED0601
Activity ID: 1E88653006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost - 169.92, 509.76
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	181.34	Hours

Factors 203.9 Hours

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	544.02	Hours
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Factors 611.71 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM110 - Disconnect Utilities GB

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Disconnect utilities from the glovebox in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Disconnect utilities from the glovebox
Units - Hours
Unit Cost - 36
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours

Factors 36 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM120 - Build Tent - GB R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Build tent for glovebox in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Build tent for glovebox
Units - Hours
Unit Cost - 127.44, 446.04
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	136.01	Hours

Factors 152.93 Hours

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	476.02	Hours
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Factors 535.25 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM130 - Remove Interferences - Tent R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove interferences in support of the 886 Cluster Removal Project.

WBS No: 1EED0601
Activity ID: 1E88653006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Breakdown of Cost Data:
Item - Remove interferences
Units - Hours
Unit Cost - 127.44, 446.04
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	136.01	Hours

Factors 152.93 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	476.02	Hours
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Factors 535.25 Hours

0.88934 [SYS 061400] .88934200 - System

Line Item R103DM140 - Disconnect Ventilation GB R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Disconnect ventilation from the glovebox in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:
Item - Disconnect ventilation from the glovebox
Units - Hours
Unit Cost - 127.44
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	136.01	Hours

Factors 152.93 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM150 - Remove Filters - GB R103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove filters from the glovebox in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:
Item - Remove filters from the glovebox
Units - hours
Unit Cost - 127.44, 127.44
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	136.01	Hours

Factors 152.93 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	136.01	Hours
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Factors 152.93 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R103DM160 - Dismantle Size Red/Package GB Rm 103

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with

WBS No: 1EED0601
Activity ID: 1E88653006

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Dismantle, size reduce and package the glovebox in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Dismantle, size reduce and package the glovebox
Units - Hours
Unit Cost - 1263.78, 361.08
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	385.35 Hours
Factors		433.3	Hours				
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	1,348.72 Hours
Factors		1516.54	Hours				

0.88934 [SYS 061400] .88934200 - System
0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R103DM180 - Remove/Package Tent

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package the tent in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package the tent Units - 1 Lot Unit Cost - 180 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	45.34 Hours
Factors		50.98	Hours				
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	158.68 Hours
Factors		178.42	Hours				

0.88934 [SYS 061400] .88934200 - System
0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE							
Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	38,225.68 Dollars
Factors		38225.7	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	14,416.24 Dollars
Factors		14416.2	Dollars				

Activity ID: 1E88653010 Description: B886 Rm 103 Dismantlement FY00

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R103DM200	Disassemble Inst & Cntrls R103	1.00	ea	EE	604	604	12,781	0	0	12,781	3,604	16,386
R103DM210	Fill Pit/Compact Fill	1.00	ea	EE	320	320	6,586	0	0	6,586	1,857	8,443
R103DM220	Install 4" Concrete Slab Over Pit	1.00	ea	EE	64	64	1,317	0	0	1,317	371	1,689
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3,815	3,815	0	3,815
Total for Activity 1E88653010:						989	20,684	0	3,815	24,500	5,833	30,333

WBS No: 1EED0601
Activity ID: 1E88653010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item R103DM200 - Disassemble Inst & Cntrls R103

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble instrumentation and controls in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble instrumentation and controls Units - Hours Unit Cost - 169.92, 339.84, 169.92 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	302.23	Hours
Factors 339.84 Hours									
							0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	151.12	Hours	
Factors 169.92 Hours									
							0.88934	[SYS 061400] .88934200 - Svstem	
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	151.12	Hours	
Factors 169.92 Hours									
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R103DM210 - Fill Pit/Compact Fill

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Fill pit and compact fill in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Fill pit and compact fill Units - Hours Unit Cost - 360 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	320.16	Hours
	Factors 360 Hours								
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item R103DM220 - Install 4" Concrete Slab Over Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Install 4" concrete slab over the pit in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Install 4" concrete slab over the pit Units - Hours Unit Cost - 72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88653010

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	64.03	Hours
Factors	72	Hours						

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	1.269.19	Dollars

Factors 1269.19 Dollars

ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	2.546.10	Dollars
Factors	2546.1	Dollars			

Activity ID: 1E88654000 Description: ROOM 108 DISMANTLEMENT

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R108DM010	Srvv/Rmv/Pka Inst & Cntrl R108	1.00	ea	EE	227	227	4.793	0	0	4.793	1.658	6.451
R108DM020	Decon/Floor Fixative R108	1.00	ea	EE	57	57	1.169	0	0	1.169	405	1.574
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.247	2.247	0	2.247
Total for Activity 1E88654000:						283	5.962	0	2.247	8.209	2.063	10.272

Line Item R108DM010 - Srvv/Rmv/Pkg Inst & Cntrl R108

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Survey, remove and package instrumentation and controls in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Survey, remove and package instrumentation and controls
Units - Hours
Unit Cost - 127.44, 63.72, 63.72
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	C020 ELECTRICIANS	R100S RMRS Salaried	Linear	113.34	Hours

Factors 127.44 Hours

750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	56.67	Hours
Factors	63.72	Hours			

0.88934 [SYS 061400] .88934200 - Ssystem

750 STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	56.67	Hours
Factors	63.72	Hours			

0.88934 [SYS 061400] .88934200 - Ssystem

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item R108DM020 - Decon/Floor Fixative R108

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Decon and/or apply fixative to floor in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Decon and/or apply fixative to floor
Units - Hours
Unit Cost - 21.24, 42.48
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0601
Activity ID: 1E88654000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors 21.24 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	37.78	Hours
Factors 42.48 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.631.78	Dollars
Factors 1631.78 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	615.40	Dollars
Factors 615.402 Dollars									

Activity ID: 1E88655000 Description: ROOM 108 PLANNING & ENGINEERING

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R108PE010	Engineering - Inst & Cntrls R108	1.00	ea	EE	0	0	0	1.842	0	1.842	0	1.842
R108PE020	IWCP/AHA/AJA/RWP - Inst & Cntrls R108	1.00	ea	EE	63	63	1.864	0	0	1.864	645	2.508
R108PE030	IWCP/AHA/AJA/RWP - Fixative R108	1.00	ea	EE	13	13	373	0	0	373	129	502
R108PE040	ORC - Electronics R108	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.576	1.576	0	1.576
Total for Activity 1E88655000:						87	2.854	1.842	1.576	6.272	988	7.260

Line Item R108PE010 - Engineering - Inst & Cntrls R108

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.842.03	Dollars
Factors 2025 Dollars 1.02283 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item R108PE020 - IWCP/AHA/AJA/RWP - Inst & Cntrls R108

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 5.9, 5.9, 53.10, 5.9 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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WBS No: 1EED0601
Activity ID: 1E88655000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours							
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours							
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	47.22	Hours
Factors	53.1	Hours							
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	5.25	Hours
Factors	5.9	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R108PE030 - IWCP/AHA/AJA/RWP - Fixative R108

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 1.18, 1.18, 10.62, 1.18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours							
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours							
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	9.44	Hours
Factors	10.62	Hours							
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours							
							0.88934	[SYS 061400] .88934200 - Svstem	

Line Item R108PE040 - ORC - Electronics R108

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88655000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.139.98	Dollars
Factors	1139.98	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	435.87	Dollars
Factors	435.873	Dollars						

Activity ID: 1E88657000 Description: Room 111 Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R111DM010	Isolate/Drain Domestic Cold Water	1.00	ea	EE	32	32	659	0	0	659	208	867
R111DM020	Disconnect/Remove/Package Wtr Heater	1.00	ea	EE	64	64	1,351	0	0	1,351	427	1,778
R111DM030	Excavate/Cap DCW @ PIV & Backfill	1.00	ea	EE	72	72	1,216	0	0	1,216	385	1,601
R111DM040	Isolate FSS B886	1.00	ea	EE	0	0	0	901	0	901	0	901
R111DM050	Pump/Plug/Grout/Flange FSS	1.00	ea	EE	16	16	329	0	0	329	104	433
R111DM060	Isolate Power to HVAC R111	1.00	ea	EE	32	32	693	0	0	693	219	912
R111DM070	Isolate/Drain Chilled Water	1.00	ea	EE	32	32	661	0	0	661	209	870
R111DM090	Drain/Cut/Cap Steam & Cndnst Piping (R111/B875)	1.00	ea	EE	64	64	1,327	0	0	1,327	420	1,746
R111DM100	Remove Chilled Water Pumps	1.00	ea	EE	74	74	1,529	0	0	1,529	484	2,012
R111DM120	Grout Floor Drains R111	1.00	ea	EE	16	16	329	0	0	329	104	433
R111DM130	Cap External Strm/Cond & Rmv Stantions	1.00	ea	EE	192	192	3,951	0	0	3,951	1,250	5,201
R111DM150	Reroute Alarms. (SIO Panel) R140	1.00	ea	EE	160	160	3,463	0	0	3,463	1,095	4,558
R111DM160	Sample/Drain Oil - Compressors	1.00	ea	EE	32	32	659	0	0	659	208	867
R111DM180	Disconnect/Remove/Package Compressors	1.00	ea	EE	192	192	3,951	0	0	3,951	1,250	5,201
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	5,900	5,900	0	5,900
Total for Activity 1E88657000:						978	20,117	901	5,900	26,918	6,364	33,282

Line Item R111DM010 - Isolate/Drain Domestic Cold Water

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Isolate and drain domestic cold water in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Isolate and drain domestic cold water
Units - Hours
Unit Cost - 36
Unit Cost Adjustment factor - None

WBS No: 1EED0601
Activity ID: 1E88657000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02
Factors	36	Hours					Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM020 - Disconnect/Remove/Package Wtr Heater

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, remove and package water heater in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, remove and package water heater Units - Hours Unit Cost - 36, 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02
Factors	36	Hours					Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02
Factors	36	Hours					Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM030 - Excavate/Cap DCW @ PIV & Backfill

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Excavate and cap domestic cold water at the PIV and backfill in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Excavate and cap domestic cold water at the PIV and backfill Units - Hours Unit Cost - 81 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	L030	UTILITY WORKER	C221S	Steam Plant Operations	Linear	72.04
Factors	81	Hours					Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM040 - Isolate FSS B886

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Isolate the FSS in B886 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Isolate the FSS in B886 Units - Dollars Unit Cost - 990.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A
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WBS No: 1EED0601
Activity ID: 1E88657000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	K263S	Fire Tactical Operations	Linear	900.55	Dollars
Factors	990	Dollars	1.02283	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM050 - Pump/Plug/Grout/Flange FSS

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Pump, plug, grout and flange the FSS in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Pump, plug, grout and flange the FSS Units - Hours Unit Cost - 18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	16.01	Hours
Factors	18	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM060 - Isolate Power to HVAC R111

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Isolate power to the HVAC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Isolate power to the HVAC Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM070 - Isolate/Drain Chilled Water

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Isolate and drain the chilled water in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Isolate and drain the chilled water Units - Hours Unit Cost - 18, 18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88657000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	R070	WASTE TREATMENT OPERATOR A	R100S	RMRS Salaried	Linear	16.01	Hours
Factors	18	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	16.01	Hours
Factors	18	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM090 - Drain/Cut/Cap Steam & Cndnst Piping (R111/B875)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Drain, cut, and cap the steam and condensate piping in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Drain, cut, and cap the steam and condensate piping Units - Hours Unit Cost - 72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	R070	WASTE TREATMENT OPERATOR A	R100S	RMRS Salaried	Linear	64.03	Hours
	Factors 72 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM100 - Remove Chilled Water Pumps

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove the chilled water pumps in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove the chilled water pumps Units - Hours Unit Cost - 11, 72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	9.78	Hours
	Factors	11	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	64.03	Hours
Factors	72	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM120 - Grout Floor Drains R111

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Grout floor drains in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Grout floor drains Units - Hours Unit Cost - 18 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
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WBS No: 1EED0601
Activity ID: 1E88657000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	16.01	Hours
Factors 18 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM130 - Cap External Stm/Cond & Rmv Stantions

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Cap external steam and condensate and remove stantions in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Cap external steam and condensate and remove stantions Units - Hours Unit Cost - 216 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	192.10	Hours
Factors 216 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM150 - Reroute Alarms, (SIO Panel) R140

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Reroute alarms from the SIO panel in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Reroute alarms from the SIO panel Units - Hours Unit Cost - 180 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	160.08	Hours
Factors 180 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM160 - Sample/Drain Oil - Compressors

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Sample and drain oil from the compressors in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Sample and drain oil from the compressors Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A									
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88657000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item R111DM180 - Disconnect/Remove/Package Compressors

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, remove and package compressors in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, remove and package compressors Units - Hours Unit Cost - 216 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	192.10	Hours
	Factors	216	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	3.561.26	Dollars
	Factors 3561.26 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	2.338.88	Dollars
	Factors 2338.88 Dollars									

Activity ID: 1E88657005 Description: ROOM 111 DISMANTLEMENT FY00

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R111DM140	Isolate B886 Emergency Power	1.00	ea	EE	32	32	693	0	0	693	208	900
R111DM170	Isolate B886 Normal Power	1.00	ea	EE	32	32	693	0	0	693	208	900
R111DM190	Rmv/Pka I&C (MCC/Crit/Fire/LSDW/Misc Panels)	1.00	ea	EE	640	640	13.341	0	0	13.341	4.003	17.344
R111DM200	Disconnect/Remove/Package HVAC	1.00	ea	EE	416	416	8.708	0	0	8.708	2.613	11.321
R111DM210	Disconnect/Remove/Package Chillers	1.00	ea	EE	74	74	1.529	0	0	1.529	459	1.987
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6.249	6.249	0	6.249
Total for Activity 1E88657005:						1.194	24.963	0	6.249	31.212	7.490	38.702

Line Item R111DM140 - Isolate B886 Emergency Power

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Isolate B886 emergency power in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Isolate B886 emergency power Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88657005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM170 - Isolate B886 Normal Power

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Isolate B886 normal power in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Isolate B886 normal power Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours
	Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM190 - Rmv/Pkg I&C (MCC/Crit/Fire/LSDW/Misc Panels)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package instrumentation and controls including the MCC, Crit, Fire, LSDW and Miscellaneous panels in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package instrumentation and controls including the MCC, Crit, Fire, LSDW and Miscellaneous panels Units - Hours Unit Cost - 180, 540 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources										
	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		C020	ELECTRICIANS		R100S	RMRS Salaried	Linear	160.08
Factors	180		Hours							

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	480.24	Hours
Factors	540	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM200 - Disconnect/Remove/Package HVAC

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, remove and package the HVAC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, remove and package the HVAC Units - Hours Unit Cost - 169.92, 297.36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0601
Activity ID: 1E88657005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	151.12	Hours
Factors		169.92	Hours					

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	264.45	Hours
Factors		297.36	Hours					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item R111DM210 - Disconnect/Remove/Package Chillers

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, remove and package the chillers in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, remove and package the chillers Units - Hours Unit Cost - 11, 72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	9.78	Hours

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	64.03	Hours
Factors		72	Hours					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	3,315.61	Dollars
	Factors		3315.61 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	2,933.07	Dollars
	Factors		2933.07 Dollars							

Activity ID: 1E88658000 Description: Room 140 Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
R140DM010	Disconnect/Package Central Panel R140	1.00	ea	EE	288	288	6.029	0	0	6.029	2.086	8.115
R140DM020	Remove/Package I&C (SIO & Misc Panels) R140	1.00	ea	EE	72	72	1.558	0	0	1.558	539	2.097
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.860	2.860	0	2.860
Total for Activity 1E88658000:						360	7.587	0	2.860	10.447	2.625	13.072

Line Item R140DM010 - Disconnect/Package Central Panel R140

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect and package the central control panel in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect and package the central control panel Units - Hours Unit Cost - 108, 216 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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WBS No: 1EED0601
Activity ID: 1E88658000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	96.05	Hours
Factors 108 Hours									
0.88934 [SYS 061400] .88934200 - System									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	192.10	Hours
Factors 216 Hours									
0.88934 [SYS 061400] .88934200 - System									

Line Item R140DM020 - Remove/Package I&C (SIO & Misc Panels) R140

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package instrumentation and controls including the SIO and other miscellaneous panels in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package instrumentation and controls including the SIO and other miscellaneous panels Units - Hours Unit Cost - 81 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	72.04	Hours
Factors 81 Hours									
0.88934 [SYS 061400] .88934200 - System									

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	2,076.53	Dollars
	Factors 2076.53 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	783.13	Dollars
	Factors 783.133 Dollars									

Activity ID: 1E88661000 Description: SIZE REDUCTION, WASTE PACKAGING REMOVAL FY01

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886WST005	Size Reduction/Waste Packaging & Removal	1.00	ea	EE	8.479	8.479	175.067	54.579	0	229.646	53.492	283.138
C886WST020	Repack/Remove Legacy Waste	1.00	ea	EE	567	567	11.708	8.050	0	19.758	3.577	23.335
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	61.349	61.349	0	61.349
Total for Activity 1E88661000:						9.046	186.775	62.629	61.349	310.753	57.069	367.822

Line Item C886WST005 - Size Reduction/Waste Packaging & Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Size reduction and waste packaging and removal in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Size reduction and waste packaging and removal Units - Hours, Dollars Unit Cost - 4086, 5448, 60000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units

WBS No: 1EED0601
Activity ID: 1E88661000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	3.633.85	Hours
Factors	4086	Hours						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	4.845.14	Hours
Factors	5448	Hours						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	54.578.74	Dollars
Factors	60000	Dollars	1.02283 -- FY00 Escalation --					
						0.88934	ISYS 0614001.88934200 - Svstem	

Line Item C886WST020 - Repack/Remove Legacy Waste

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package legacy waste in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package legacy waste Units - Hours, Dollars Unit Cost - 318.6, 318.6, 8850.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	283.34	Hours
	Factors 318.6 Hours										
				0.88934 ISYS 0614001.88934200 - Svstem							
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	283.34	Hours
	Factors 318.6 Hours										
				0.88934 ISYS 0614001.88934200 - Svstem							
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	8.050.36	Dollars
	Factors 8850 Dollars			1.02283 -- FY00 Escalation --							
				0.88934 ISYS 0614001.88934200 - Svstem							

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	34.156.57	Dollars
	Factors 34156.6 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	27.192.47	Dollars
	Factors 27192.5 Dollars									

Activity ID: 1E88661005 Description: SIZE REDUCTION, WASTE PACKAGING REMOVAL

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886WST010	Size Reduction/Waste Packaging & Removal	1.00	ea	EE	5.080	5.080	104.886	54.579	0	159.465	32.531	191.996
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39.661	39.661	0	39.661
Total for Activity 1E88661005:						5.080	104.886	54.579	39.661	199.125	32.531	231.657

Line Item C886WST010 - Size Reduction/Waste Packaging & Removal

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Size reduction and waste packaging and removal in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Size reduction and waste packaging and removal Units - Hours, Dollars Unit Cost - 2448, 3264, 60000.00
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WBS No: 1EED0601
Activity ID: 1E88661005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	2,177.11	Hours
Factors	2448	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	2,902.81	Hours	
Factors	3264	Hours	0.88934 [SYS 061400] .88934200 - System						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	54,578.74	Dollars	
Factors	60000	Dollars	1.02283 -- FY00 Escalation --						
							0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	22,891.08	Dollars
Factors		22891.1	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	16,769.72	Dollars
Factors		16769.7	Dollars					

Activity ID: 1E8866T040 Description: Issue Asbestos RFP

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886ASB020	Issue Asbestos RFP	1.00	ea	EE	0	0	0	1,719	0	1,719	0	1,719
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	481	481	0	481
Total for Activity 1E8866T040:						0	0	1,719	481	2,201	0	2,201

Line Item C886ASB020 - Issue Asbestos RFP

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).

Costs included in this activity are: Issue asbestos abatement request for proposals in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

- Item - Issue asbestos abatement request for proposals
- Units - Dollars
- Unit Cost - 1890.00
- Unit Cost Adjustment factor - None
- Revised Unit Cost - N/A
- Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	349.58	Dollars
Factors		349.582	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	131.84	Dollars
Factors		131.84	Dollars					

Activity ID: 1E8866T045 Description: Develop SOW For Abatement

Cost Risk 2 Schedule Risk 2

WBS No: 1EED0601
Activity ID: 1E8866T045

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886ASB010	Develop SOW for Abatement	1.00	ea	EE	0	0	0	4,503	0	4,503	0	4,503
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1,261	1,261	0	1,261
Total for Activity 1E8866T045:						0	0	4,503	1,261	5,764	0	5,764

Line Item C886ASB010 - Develop SOW for Abatement

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Develop SOW for abatement in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Develop SOW for abatement Units - Dollars Unit Cost - 4950.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			4,502.75	Dollars
Factors		4950	Dollars	1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svsstem				

Line Item SYS - Contingency And Escalation

BOE										
Resources	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	915.57	Dollars	
	<i>Factors</i> 915.572 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	345.29	Dollars	
	<i>Factors</i> 345.294 Dollars									

Activity ID: 1E8866T055 Description: Proposal Prep/review of Proposals - Asbestos

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886ASB030	Proposal Preparation	1.00	ea	EE	0	0	0	0	0	0	0	0
C886ASB040	Review Contractor's Proposal Asbestos Abatement	1.00	ea	EE	0	0	0	688	0	688	0	688
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	193	193	0	193
Total for Activity 1E8866T055:						0	0	688	193	880	0	880

Line Item C886ASB030 - Proposal Preparation

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Proposal preparation in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Proposal preparation Units - Dollars Unit Cost - Unreimbursable subcontractor cost Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			0.00	Dollars
Factors		0	Dollars	1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svsstem				

WBS No: 1EED0601
Activity ID: 1E8866T055

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item C886ASB040 - Review Contractor's Proposal Asbestos Abatement

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Review contractor's proposals for asbestos abatement in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Review contractor's proposals for asbestos abatement Units - Dollars Unit Cost - 756.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			687.69	Dollars
Factors		756	Dollars			1.02283	-- FY00 Escalation --			
						0.88934	[SYS 061400] .88934200 - Svstem			

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	139.83	Dollars
	Factors 139.833 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	52.74	Dollars
	Factors 52.7359 Dollars									

Activity ID: 1E8866T060 Description: Award Asbestos Contract

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886ASB050	Award Asbestos Contract to Approved Contractor	1.00	ea	EE	0	0	0	1.719	0	1.719	0	1.719
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	481	481	0	481
Total for Activity 1E8866T060:						0	0	1.719	481	2.201	0	2.201

Line Item C886ASB050 - Award Asbestos Contract to Approved Contractor

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Award asbestos abatement contract to an approved contractor in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Award asbestos abatement contract to an approved contractor Units - Dollars Unit Cost - 1890.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			1.719.23	Dollars
Factors		1890	Dollars			1.02283	-- FY00 Escalation --			
						0.88934	[SYS 061400] .88934200 - Svstem			
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear			0.00	Dollars
Factors		0	Dollars			0	Dollars			
						1.02283	-- FY00 Escalation --			
						0.88934	[SYS 061400] .88934200 - Svstem			

Line Item SYS - Contingency And Escalation

BOE

Resources	<i>Cost Element</i>	<i>Skill</i>	<i>Department</i>	<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
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WBS No: 1EED0601
Activity ID: 1E8866T060

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	349.58	Dollars
Factors 349.582 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	131.84	Dollars
Factors 131.84 Dollars								

Activity ID: 1E8866T065 Description: Asbestos Abatement Procurement Complete

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886ASB080	Abestos Abatement Engrnng & IWCP Dvmt	1.00	ea	EE	80	80	2.279	0	0	2.279	788	3.067
C886ASB090	Review & Approve Contractor HSP/Work Plans	1.00	ea	EE	80	80	2.795	0	0	2.795	967	3.762
C886ASB100	Contractor Mobilization Coordination/Training	1.00	ea	EE	80	80	2.002	4.503	0	6.505	693	7.197
C886SP14	Train Contractor Personnel	1.00	each	EE	0	0	0	9.428	0	9.428	0	9.428
C886SP15	Contractor Mobilization Coordination	1.00	each	EE	80	80	4.278	0	0	4.278	1.480	5.758
C886SP19	Review & Approve Contractor HSP	1.00	each	EE	240	240	7.627	2.254	0	9.881	2.639	12.520
C886SP20	Review & Approve Contractor Work Plan	1.00	each	EE	80	80	4.278	0	0	4.278	1.480	5.758
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	15.992	15.992	0	15.992
TPE02	Asbestos Abatement Engrnng/IWCP Dvmt	1.00	each	EE	80	80	2.279	6.549	0	8.828	788	9.617
Total for Activity 1E8866T065:						720	25.538	22.735	15.992	64.264	8.836	73.100

Line Item C886ASB080 - Abestos Abatement Engrnng & IWCP Dvmt

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Asbestos abatement engineering and IWCP development in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Asbestos abatement engineering and IWCP development Units - Hours Unit Cost - 90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	80.04	Hours
	Factors 90 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886ASB090 - Review & Approve Contractor HSP/Work Plans

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Review and approve the contractor's HSP and Work Plans in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Review and approve the contractor's HSP and Work Plans Units - Hours Unit Cost - 90 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	80.04	Hours
	Factors	90	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item C886ASB100 - Contractor Mobilization Coordination/Training

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other
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WBS No: 1EED0601
Activity ID: 1E8866T065

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Contractor Mobilization Coordination and training in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Contractor Mobilization Coordination and training
Units - Hours, Dollars
Unit Cost - 90, 4950.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	80.04	Hours
Factors	90	Hours							
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.502.75	Dollars
Factors	4950	Dollars							

0.88934 [SYS 061400] .88934200 - Svsstem
1.02283 -- FY00 Escalation --
0.88934 [SYS 061400] .88934200 - Svsstem

Line Item C886SP14 - Train Contractor Personnel

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Experience Item Desc - Included in this activity are costs to train asbestos abatement contractor personnel in site and project specific procedures, regulations and work practices in support of the 886 Cluster Removal Project. 15 Day duration 12/1/99-12/21/99.</p> <p>Breakdown of Cost Data:</p> <p>Item - Subcontracted Training Labor</p> <p>Units - 1 Lot</p> <p>Unit Cost - \$10,365</p> <p>Unit Cost Adjustment factor - None</p> <p>Revised Unit Cost - N/A</p> <p>Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	P150	TRAINERS	R100S	RMRS Salaried	Linear	9.428.48	Dollars
Factors	10365	Dollars							

1.02283 -- FY00 Escalation --
0.88934 [SYS 061400] .88934200 - System

Line Item C886SP15 - Contractor Mobilization Coordination

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Experience Item Desc - Included in this activity are costs to coordinate mobilization of the asbestos abatement contractor in support of the 886 Cluster Removal Project. 10 Day duration 12/1/99-12/14/99.</p> <p>Breakdown of Cost Data:</p> <ul style="list-style-type: none">Item - LaborUnits - 1 LotUnit Cost - 90 HoursUnit Cost Adjustment factor - NoneRevised Unit Cost - N/ABasis for adjustment - N/A <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	80.04	Hours
Factors	90	Hours							

0.88934 [SYS 061400] .88934200 - System

Line Item C886SP19 - Review & Approve Contractor HSP

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with								
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WBS No: 1EED0601
Activity ID: 1E8866T065

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Experience Item Desc - Included in this activity are costs to review and approve the asbestos abatement contractor's Health and Safety Plan in support of the 886 Cluster Removal Project. 10 Day duration 12/1/99-12/14/99.
Breakdown of Cost Data:
Item - Labor
Units - 1 Lot
Unit Cost - 360 Hours
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	80.04	Hours
	Factors		90	Hours							
	0.88934 [SYS 061400] .88934200 - System										
	750	STRAIGHT TIME BASE		P090	INDUSTRIAL HYGIENISTS		R100S	RMRS Salaried	Linear	160.08	Hours
Factors		180	Hours								
	0.88934 [SYS 061400] .88934200 - System										
	A5H	SUBCONTRACTED SRVS		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.253.83	Dollars
Factors		2477.7	Prime Dollars								
1.02283 -- FY00 Escalation --											
0.88934 [SYS 061400] .88934200 - System											

Line Item C886SP20 - Review & Approve Contractor Work Plan

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Experience Item Desc - Included in this activity are costs to review and approve the asbestos abatement contractor's work plans in support of the 886 Cluster Removal Project. 10 Day duration 12/1/99-12/14/99.
Breakdown of Cost Data:
Item - Labor
Units - 1 Lot
Unit Cost - 90 Hours
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	80.04	Hours
	Factors 90 Hours								
0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item SYS - Contingency And Escalation

BOE											
Resources											
	Cost Element			Skill			Department			Curve	Quantity Units
	CON	CONTINGENCY		0000	NONE		ZDEPT	No Department		Linear	11.612.22 Dollars
	Factors 11612.2 Dollars										
	ESC	ESCALATION		0000	NONE		ZDEPT	No Department		Linear	4.379.37 Dollars
Factors 4379.37 Dollars											

Line Item TPE02 - Asbestos Abatement Engnrng/IWCP Dvmt

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Experience Item Desc - Included in this activity are costs to perform planning and IWCP development for asbestos abatement in support of the 886 Cluster Removal Project. 10 Day duration 12/1/99-12/14/99.
Breakdown of Cost Data:
Item - Labor

WBS No: 1EED0601
Activity ID: 1E8866T065

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Units - 1 Lot
Unit Cost - 90 Hours
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

Breakdown of Cost Data:
Item - Subcontracted Asbestos Abatement Eng/IWCP Development Labor
Units - 1 Lot
Unit Cost - \$7,200
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	80.04 Hours
Factors		90	Hours				
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.549.45 Dollars
Factors		7200	Dollars				

0.88934 [SYS 061400] .88934200 - Svsstem
1.02283 -- FY00 Escalation --
0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1E8866T070 Description: Asbestos Abatement Contract

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
C886ASB070	Asbestos Abatement Contract - Term	1.00	ea	EE	0	0	0	266.417	0	266.417	0	266.417
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	74.603	74.603	0	74.603
Total for Activity 1E8866T070:						0	0	266.417	74.603	341.020	0	341.020

Line Item C886ASB070 - Asbestos Abatement Contract - Term

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Asbestos abatement subcontract term in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Asbestos abatement subcontract term Units - Dollars Unit Cost - 537000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	266.417.00 Dollars
Factors		292880	Dollars				

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	54.172.30	Dollars
	Factors		54172.3 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	20.430.26	Dollars
	Factors		20430.3 Dollars							

Activity ID: 1E88840000 Description: EXECUTE DEMO CONTRACT

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
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WBS No: 1EED0601
Activity ID: 1E88840000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

C886DMO100	Demolishon Contract	1.00	ea	EE	0	0	0	2,076.721	0	2,076.721	0	2,076.721
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	390.138	390.138	0	390.138
Total for Activity 1E88840000:					0	0	0	2,076.721	390.138	2,466.859	0	2,466.859

Line Item C886DMO100 - Demolishon Contract

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Demolition Contract in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Demolition Contract Units - Dollars Unit Cost - \$2,283,000.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,076.721.00	Dollars
Factors	2283000 Dollars		1.02283 -- FY00 Escalation --				0.88934 [SYS 061400] .88934200 - Svsstem		

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	200.344.50	Dollars
	Factors 200345 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	189.793.80	Dollars
	Factors 189794 Dollars									

WBS No:	1EED0602	Title:	B-875 Decommissioning
Activity ID:	1E87510005	Description:	B875 & TUNNEL PLANNING & ENGINEERING FY01

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B875PE170	ORC - Remove Deluge Tank B875	1.00	ea	EE	12	12	618	0	0	618	215	833
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	416	416	0	416
Total for Activity 1E87510005:						12	618	0	416	1,034	215	1,249

Line Item B875PE170 - ORC - Remove Deluge Tank B875

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5, 1.5, 5.5, 1.5, 1.5, 1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5 Hours						0.88934 [SYS 061400] .88934200 - System		

WBS No: 1EED0602
Activity ID: 1E87510005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svsstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svsstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours	0.88934 [SYS 061400] .88934200 - Svsstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svsstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svsstem					

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	286.32	Dollars
Factors	286.320	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	129.82	Dollars
Factors	129.817	Dollars			

Activity ID: 1E87540000

Description: B875 & TUNNEL DECONTAMINATION

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B875DC020	Decon Plenum 501	1.00	ea	EE	76	76	1,561	0	0	1,561	543	2,104
B875DC030	Decon Plenum 503	1.00	ea	EE	76	76	1,561	0	0	1,561	543	2,104
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,274	2,274	0	2,274
Total for Activity 1E87540000:						151	3,122	0	2,274	5,396	1,086	6,482

Line Item B875DC020 - Decon Plenum 501

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Decon Plenum 501 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Decon Plenum 501
Units - Hours
Unit Cost - 42.48, 42.48
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors	42.48	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	37.78	Hours
Factors	42.48	Hours	0.88934 [SYS 061400] .88934200 - System						

Line Item B875DC030 - Decon Plenum 503

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).

WBS No: 1EED0602
Activity ID: 1E87540000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Costs included in this activity are: Decon Plenum 503 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Decon Plenum 503
Units - Hours
Unit Cost - 42.48, 42.48
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78Hours
Factors		42.48	Hours	0.88934 [SYS 061400] .88934200 - Svstem			
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	37.78Hours
Factors		42.48	Hours	0.88934 [SYS 061400] .88934200 - Svstem			

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.621.85Dollars
Factors		1621.85	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	651.97Dollars
Factors		651.97	Dollars				

Activity ID: 1E87550005 Description: B875 & TUNNEL DISMANTLEMENT FY00

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
B875DS030	Install Chain Hoist - Rmv Deluge Tank	1.00	each	EE	768	768	16.620	0	0	16.620	5.784	22.404
B875DS120	Drain Deluge Tank	1.00	each	EE	113	113	2.338	0	0	2.338	814	3.152
B875DS130	Remove Deluge Tank from Pit	1.00	each	EE	64	64	1.317	0	0	1.317	458	1.776
B875DS140	Build Tent - Deluge Tank	1.00	each	EE	320	320	6.586	0	0	6.586	2.292	8.878
B875DS150	Remove Rashig Rings - Deluge Tank	1.00	each	EE	283	283	5.849	0	0	5.849	2.035	7.884
B875DS160	Size Reduce/Package Tank - Deluge Tank	1.00	each	EE	302	302	6.231	0	0	6.231	2.168	8.399
B875DS180	Size Reduce/Package Tent - Deluge Tank	1.00	each	EE	32	32	659	0	0	659	229	888
B875DS200	Remove Ventilation through to Plenum	1.00	each	EE	1.766	1.766	36.446	0	0	36.446	12.683	49.129
B875DS230	Size Reduce/Package Tent Plenum 502	1.00	each	EE	208	208	4.288	0	0	4.288	1.492	5.780
B875DS240	Dismantle/Size Reduce Package Plenum 502	1.00	ea	EE	1.766	1.766	36.446	9.096	0	45.542	12.683	58.226
B875DS250	Pump/Plug/Grout/Flange FSS 875	1.00	ea	EE	320	320	6.586	491	0	7.077	2.292	9.369
B875DS260	Isolate Power - B875	1.00	each	EE	32	32	693	0	0	693	241	934
B875DS270	Grout/Cap Floor Drains B875	1.00	each	EE	32	32	659	0	0	659	229	888
B875DS280	Survey/Remove/Package Inst & Cntrls B875 & T	1.00	each	EE	1.474	1.474	30.842	0	0	30.842	10.733	41.575
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	118.474	118.474	0	118.474
Total for Activity 1E87550005:						7.482	155.558	9.588	118.474	283.619	54.134	337.753

Line Item B875DS030 - Install Chain Hoist - Rmv Deluge Tank

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Install Chain Hoist - Remove Deluge Tank in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Install Chain Hoist - Remove Deluge Tank Units - Hours Unit Cost - 864 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A
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WBS No: 1EED0602
Activity ID: 1E87550005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	768.39	Hours
Factors 864 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS120 - Drain Deluge Tank

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Drain the Deluge Tank in B875 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Drain the Deluge Tank
Units - Hours
Unit Cost - 42.48, 84.96
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors 42.48 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	75.56	Hours
Factors 84.96 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS130 - Remove Deluge Tank from Pit

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove Deluge Tank from the pit in B875 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Remove Deluge Tank from the pit
Units - Hours
Unit Cost - 72
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	64.03	Hours
Factors 72 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS140 - Build Tent - Deluge Tank

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Build Tent for the Deluge Tank in B875 in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Build Tent for the Deluge Tank
Units - Hours
Unit Cost - 360
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

WBS No: 1EED0602
Activity ID: 1E87550005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	320.16	Hours
Factors 360 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS150 - Remove Rashig Rings - Deluge Tank

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Costs included in this activity are: Remove rashig rings from the deluge tank in B875 in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data:</p> <ul style="list-style-type: none">Item - Remove rashig rings from the deluge tankUnits - HoursUnit Cost - 127.44, 191.16Unit Cost Adjustment factor - NoneRevised Unit Cost - N/ABasis for adjustment - N/A <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	170.01	Hours
Factors 191.16 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS160 - Size Reduce/Package Tank - Deluge Tank

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Costs included in this activity are: Size Reduce/Package the Deluge Tank in B875 in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data:</p> <ul style="list-style-type: none">Item - Size Reduce/Package the Deluge TankUnits - HoursUnit Cost - 84.96, 254.88Unit Cost Adjustment factor - NoneRevised Unit Cost - N/ABasis for adjustment - N/A <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
Factors 84.96 Hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	226.68	Hours
Factors 254.88 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS180 - Size Reduce/Package Tent - Deluge Tank

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Size Reduce/Package Tent in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Size Reduce/Package Tent Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None								
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WBS No: 1EED0602
Activity ID: 1E87550005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
	Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS200 - Remove Ventilation through to Plenum

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove Ventilation through to the Plenum in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove Ventilation through to the Plenum Units - Hours Unit Cost - 722.16, 1263.78 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	642.25	Hours
	Factors 722.16 Hours									
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	0.88934 ISYS 0614001.88934200 - System	1,123.93	Hours
	Factors 1263.78 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS230 - Size Reduce/Package Tent Plenum 502

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Size reduce and package the tent in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Size reduce and package the tent Units - Hours Unit Cost - 84.96, 148.68 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
	Factors 84.96 Hours									
				0.88934 ISYS 0614001.88934200 - System						
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	132.23	Hours
Factors 148.68 Hours										

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS240 - Dismantle/Size Reduce Package Plenum 502

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Dismantle/Size Reduce and Package Plenum 502 in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Dismantle/Size Reduce and Package Plenum 502									
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WBS No: 1EED0602
Activity ID: 1E87550005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Units - Hours, Dollars
Unit Cost - 722.16, 1263.78, 10000.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	642.25	Hours

Factors 722.16 Hours

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	1.123.93	Hours
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Factors 1263.78 Hours

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	9.096.46	Dollars
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Factors 10000 Dollars

1.02283 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS250 - Pump/Plug/Grout/Flange FSS 875

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Pump/Plug/Grout/Flange FSS in B875 in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Pump/Plug/Grout/Flange FSS
Units - Hours
Unit Cost - 360,540
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	320.16	Hours

Factors 360 Hours

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	K263S	Fire Tactical Operations	Linear	491.21	Dollars
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Factors 540 Dollars

1.02283 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS260 - Isolate Power - B875

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Isolate Power to the building in B875 in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Isolate Power to the building B875
Units - Hours
Unit Cost - 36
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours

Factors 36 Hours

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0602
Activity ID: 1E87550005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item B875DS270 - Grout/Cap Floor Drains B875

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Grout and cap the floor drains in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Grout and cap the floor drains Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
	Factors 36 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item B875DS280 - Survey/Remove/Package Inst & Cntrls B875 & T

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Survey/Remove/Package instrumentation and controls in B875 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Survey/Remove/Package instrumentation and controls Units - Hours Unit Cost - 254.88, 509.76, 892.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	453.35	Hours
Factors	509.76 Hours								
								0.88934	ISYS 0614001.88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried		Linear	226.68	Hours
Factors	254.88 Hours								
								0.88934	ISYS 0614001.88934200 - Svstem
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried		Linear	794.00	Hours
Factors	892.8 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	84.503.76	Dollars
	Factors		84503.8 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	33.969.82	Dollars
	Factors		33969.8 Dollars							

Activity ID: 1EED6023 Description: B875 & TUNNEL DISMANTLEMENT

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	3.30	msf	HC	237	781	16.984	190.134	0	207.118	5.910	213.028
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	115.096	115.096	0	115.096
Total for Activity 1EED6023:						781	16.984	190.134	115.096	322.213	5.910	328.124

WBS No: 1EED0602
Activity ID: 1EED6023

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 2DIS - Type2 Bldg Dismantlement

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30 Total Unit Cost: \$71,350.00</p> <p>Adjusted Unit Cost: Labor Hours: 266.2011; Subcontracts: \$63,572.85; Supplies: \$1,271.46 Total Unit Cost: \$70,636.50 Adjustment Factor: 0.99</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		C120 D&D SKILLED TRADES		KE10H Indust/Site Svcs Steelworkers		Linear	218.68	Hours
Factors		248.37 hours		0.99 RSOP						
								0.88934	ISYS 0614001.88934200 - Svstem	
750		STRAIGHT TIME BASE		E130 OTHER ENGINEERS		R100S RMRS Salaried		Linear	18.07	Hours
Factors		20.52 hours		0.99 RSOP						
								0.88934	ISYS 0614001.88934200 - Svstem	
A5B		CONSTRUCTION		0000 NONE		R100S RMRS Salaried		Linear	56.538.01	Dollars
Factors		64215 dollars		0.99 RSOP						
								0.88934	ISYS 0614001.88934200 - Svstem	
A5C		SUPPLIES		0000 NONE		R100S RMRS Salaried		Linear	1.130.76	Dollars
Factors		1284.3 dollars		0.99 RSOP						
								0.88934	ISYS 0614001.88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	82.094.48	Dollars
	Factors 82094.5 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	33.001.31	Dollars
	Factors 33001.3 Dollars									

Activity ID: 1EED6024 Description: B875 & TUNNEL DECONTAMINATION FY01

Line Item		Description		Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb		Type2 Bldg w/Asbestos Decontamination		3.30	msf	HC	109	358	8.177	91.536	0	99.713	2.845	102.558
SYS		Contingency And Escalation		1.00	ea	EE	0	0	0	0	55.411	55.411	0	55.411
		Total for Activity 1EED6024:						358	8.177	91.536	55.411	155.123	2.845	157.969

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p>													
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WBS No: 1EED0602
Activity ID: 1EED6024

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Historical Unit Cost Data:
Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.03

Adjusted Unit Cost:
Labor Hours: 122.2254; Subcontracts: \$30,605.85; Supplies: \$612.12
Total Unit Cost: \$34,006.53
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	16.68Hours
Factors	18.94	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	92.02Hours
Factors	104.52	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	27.219.07Dollars
Factors	30915	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	544.38Dollars
Factors	618.3	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	39.522.75Dollars
Factors	39522.8	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	15.887.82Dollars
Factors	15887.8	Dollars					

Activity ID: 1EED6031 Description: B875 & TUNNEL DEMOLITION

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBIk	Type 2 Masonry Bldg Demolition	3.30	msf	HC	0	0	0	48.913	0	48.913	0	48.913
2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	3.30	msf	HC	0	0	0	59.376	0	59.376	0	59.376
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	78.435	78.435	0	78.435
Total for Activity 1EED6031:						0	0	108.289	78.435	186.724	0	186.724

Line Item 2DEMBIk - Type 2 Masonry Bldg Demolition

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00 Total Unit Cost: \$16,850.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$16,681.50; Supplies: \$0.00 Total Unit Cost: \$16,681.50 Adjustment Factor: 0.99</p>
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WBS No: 1EED0602
Activity ID: 1EED6031

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	14.835.56	Dollars
Factors		16850	dollars	0.99	RSOP				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2DEMB1kSlab - Type 2 Bldg Demolition Slab/Foundation

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00 Total Unit Cost: \$20,250.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.009.18	Dollars
Factors		20250	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	56.316.87	Dollars
Factors		56316.9	Dollars						
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	22.118.52	Dollars
Factors		22118.5	Dollars						

WBS No: 1EED0603 Title: B-880 Decommissioning
Activity ID: 1E88010000 Description: B880 DECOM. PLANNING & ENGINEERING

								Cost Risk		Schedule Risk			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
B880PE010	Engineering - B880 Disassembly	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140	
B880PE020	IWCP/AHA/AJR/RWP - B880 Disassembly	1.00	ea	EE	126	126	3.727	0	0	3.727	1.290	5.017	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.093	3.093	0	3.093	
Total for Activity 1E88010000:						126	3.727	6.140	3.093	12.961	1.290	14.250	

Line Item B880PE010 - Engineering - B880 Disassembly

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A</p>								
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WBS No: 1EED0603
Activity ID: 1E88010000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE		R100S	RMRS Salaried	Linear	6,140.11	Dollars
Factors 6750 Dollars 1.02283 -- FY00 Escalation --										
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item B880PE020 - IWCP/AHA/AJR/RWP - B880 Disassembly

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data:</p> <ul style="list-style-type: none">Item - Planning & Engineering LaborUnits - HoursUnit Cost - 11.8, 11.8, 106.2, 11.8Unit Cost Adjustment factor - NoneRevised Unit Cost - N/ABasis for adjustment - N/A <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	10.49	Hours
Factors 11.8 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	10.49	Hours
Factors 11.8 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	94.45	Hours
Factors 106.2 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	10.49	Hours
Factors 11.8 Hours										
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE		ZDEPT	No Department	Linear	2,237.66	Dollars
Factors 2237.66 Dollars										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE		ZDEPT	No Department	Linear	855.58	Dollars
Factors 855.575 Dollars										

Activity ID: 1EED6032 Description: B-880C Recon. Level Characterization

								Cost Risk		Schedule Risk			
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
1CHR	Type1 Bldg Characterization	0.80	msf	HC	19	15	322	1,193	0	1,514	111	1,626	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	455	455	0	455	
Total for Activity 1EED6032:						15	322	1,193	455	1,970	111	2,081	

Line Item 1CHR - Type1 Bldg Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS									
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WBS No: 1EED0603
Activity ID: 1EED6032

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63
Total Unit Cost: \$2,150.12

Adjusted Unit Cost:

Labor Hours: 20.8593; Subcontracts: \$1,596.38; Supplies: \$79.82
Total Unit Cost: \$2,128.62
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.29	Hours
Factors	1.47	Hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem			
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	17.26	Hours
Factors	19.6	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem			
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	70.99	Dollars
Factors	80.63	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem			
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,419.72	Dollars
Factors	1612.5	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem			

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	330.59	Dollars
Factors	330.59	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	124.68	Dollars
Factors	124.677	Dollars						

Activity ID: 1EED6033

Description: B880 Decomm. Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.80	msf	HC	68	54	1,150	12,149	0	13,299	398	13,696
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	3,835	3,835	0	3,835
Total for Activity 1EED6033:						54	1,150	12,149	3,835	17,134	398	17,532

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 76.93001; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:

Labor Hours: 76.16071; Subcontracts: \$16,795.35; Supplies: \$279.92
Total Unit Cost: \$18,691.58
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0603
Activity ID: 1EED6033

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120 D&D SKILLED TRADES	KE10H Indust/Site Srvs Steelworkers	Linear	65.26	Hours
Factors	74.12 hours	0.99 RSOP				
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	2.47	Hours
Factors	2.81 hours	0.99 RSOP				
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	14,936.81	Dollars
Factors	16965 dollars	0.99 RSOP				
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	248.95	Dollars
Factors	282.75 dollars	0.99 RSOP				
				0.88934 [SYS 061400] .88934200 - Svstem		
				0.88934 [SYS 061400] .88934200 - Svstem		
				0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	2,784.99	Dollars
Factors	2784.99 Dollars					
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	1,050.32	Dollars
Factors	1050.32 Dollars					

Activity ID: 1EED6034 Description: B880 Decomm. Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECAsb	Type 1 Bldg w/ Asbestos Decontamination	0.80	msf	HC	114	92	1,945	20,527	0	22,472	673	23,145
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6,481	6,481	0	6,481
Total for Activity 1EED6034:						92	1,945	20,527	6,481	28,953	673	29,626

Line Item 1DECAsb - Type 1 Bldg w/ Asbestos Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 129.99; Subcontracts: \$28,665.00; Supplies: \$478.00 Total Unit Cost: \$31,904.23 Adjusted Unit Cost: Labor Hours: 128.6901; Subcontracts: \$28,378.35; Supplies: \$473.22 Total Unit Cost: \$31,585.18 Adjustment Factor: 0.99 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	4.18	Hours
Factors	4.75 hours	0.99 RSOP				
750	STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KE10H Indust/Site Srvs Steelworkers	Linear	110.27	Hours
Factors	125.24 hours	0.99 RSOP				
				0.88934 [SYS 061400] .88934200 - Svstem		
				0.88934 [SYS 061400] .88934200 - Svstem		

<i>Project</i>	Baseline	Devl
<i>WBS Filter</i>	1EED	
<i>Activity Filter</i>	*	

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	25,238.06	Dollars
Factors	28665	dollars	0.99	RSOP				
						0.88934	[SYS 061400].88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	420.85	Dollars
Factors	478	dollars	0.99	RSOP				
						0.88934	[SYS 061400].88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.706.21	Dollars
Factors	4706.21 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.774.88	Dollars
Factors	1774.88 Dollars							

Activity ID: 1EED6035	<i>Description:</i> B-880C Final Surveys
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<i>Cost Risk</i>	3	<i>Schedule Risk</i>	3
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Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1ESS	Type1 Bldg Final Status Survey	0.80	msf	HC	0	0	0	2.994	0	2.994	0	2.994
2ESSAsb	Type2 Bldg w/ Asbestos Final Status Survey	0.80	msf	HC	0	0	0	11.798	0	11.798	0	11.798
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	4.186	4.186	0	4.186
Total for Activity 1EED6035:						0	0	14.792	4.186	18.977	0	18.977

Total for Activity 1EED6035:

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00
Total Unit Cost: \$4,250.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$4,207.50; Supplies: \$0.00
Total Unit Cost: \$4,207.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	3.741.91	Dollars
Factors	4250	dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - System

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

WBS No: 1EED0603
Activity ID: 1EED6035

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$16,582.50; Supplies: \$0.00
Total Unit Cost: \$16,582.50
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	14.747.51	Dollars
Factors	16750	dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	3.051.27	Dollars
Factors	3051.27	Dollars							
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1.134.29	Dollars
Factors	1134.29	Dollars							

Activity ID: 1EED6036 Description: B880 Decomm. Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	0.80	msf	HC	0	0	0	11.199	0	11.199	0	11.199
1DEMSlabBlk	Type 1 Bldg Demolition Slab/Foundation	0.80	msf	HC	0	0	0	10.423	0	10.423	0	10.423
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.111	3.111	0	3.111
Total for Activity 1EED6036:						0	0	21.622	3.111	24.733	0	24.733

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00 Total Unit Cost: \$15,900.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$15,741.00; Supplies: \$0.00 Total Unit Cost: \$15,741.00 Adjustment Factor: 0.99 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	13.999.13	Dollars
Factors	15900	dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item 1DEMSlabBlk - Type 1 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit
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WBS No: 1EED0603
Activity ID: 1EED6036

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00
Total Unit Cost: \$14,650.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00
Total Unit Cost: \$14,650.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S RMRS Salaried	Linear	13.028.86	Dollars
Factors		14650	dollars				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT No Department	Linear	1.034.90	Dollars
Factors		1034.90	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT No Department	Linear	2.076.10	Dollars
Factors		2076.10	Dollars				

WBS No: 1EED0604 Title: B-828 Decommissioning
Activity ID: 1E8861P000 Description: 828 TANK PIT PLANNING & ENGINEERING

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828PE010	Engineerina - Drain/Rmv Rsh Rngs Aply Fix Tnks	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
828PE020	IWCP/AHA/AJR/RWP - Sample Tank Contents	1.00	ea	EE	38	38	1.118	0	0	1.118	387	1.505
828PE030	ORC - Sample Tank Contents	1.00	ea	EE	12	12	618	0	0	618	214	832
828PE040	Engineerina - HEUN/Tnk Vnts/Rm Vnts/Wtr/I&C	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
828PE050	IWCP/AHR/RWP Drain/Rmv Rsh Rngs/Aply Fix Tanks	1.00	ea	EE	126	126	3.727	0	0	3.727	1.290	5.017
828PE060	Engineerina - Cran/InstHrl/Rmv Pit Cvr/Rmv Tnks	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
828PE070	IWCP/AHA/AJR/RWP - Decon/Floor Fixative	1.00	ea	EE	13	13	373	0	0	373	129	502
828PE080	IWCP/AHA/AJR/RWP - Char/Fnl Surveys	1.00	ea	EE	13	13	373	0	0	373	129	502
828PE090	Engineerina - Fabricate/Install Pit Cover	1.00	ea	EE	0	0	0	1.842	0	1.842	0	1.842
828PE100	IWCP/AHA/AJR/RWP - Fabricate/Install Pit Cover	1.00	ea	EE	13	13	373	0	0	373	129	502
828PE110	ORC - Fabricate/Install Pit Cover	1.00	ea	EE	12	12	618	0	0	618	214	832
828PE120	IWCP/AHA/AJR/RWP - HEUN/Wtr/Vnts/I&C	1.00	ea	EE	126	126	3.727	0	0	3.727	1.290	5.017
828PE130	ORC - Drain/Rmv Rsh Rngs/Aply Fix Tnks	1.00	ea	EE	12	12	618	0	0	618	214	832
828PE140	IWCP/AHA/AJR/RWP-Crn/Inst/HRI/Pt Cvr/Rmv Tnks	1.00	ea	EE	101	101	2.982	0	0	2.982	1.032	4.013
828PE150	ORC - Cran/Inst/Hnd Rl/Pit Cvr/Rmv Tanks	1.00	ea	EE	12	12	618	0	0	618	214	832
828PE160	ORC - HEUN/Wtr/Vnts/I&C	1.00	ea	EE	12	12	618	0	0	618	214	832
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.500	11.500	0	11.500
Total for Activity 1E8861P000:						486	15.762	20.262	11.500	47.525	5.454	52.978

Line Item 828PE010 - Engineering - Drain/Rmv Rsh Rngs Aply Fix Tnks

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 6750.00

WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
	Factors	6750 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE020 - IWCP/AHA/AJR/RWP - Sample Tank Contents

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 3.54,3.54,31.86,3.54 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	3.15	Hours
Factors	3.54	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	3.15	Hours	
Factors	3.54	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	28.33	Hours	
Factors	31.86	Hours		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	3.15	Hours	
Factors	3.54	Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE030 - ORC - Sample Tank Contents

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		K100S	Kaiser-Hill	Linear	1.33Hours
	Factors	1.5 Hours								
								0.88934	ISYS 0614001.88934200 - Svstem	
	750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	1.33Hours
	Factors	1.5 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE040 - Engineering - HEUN/Tnk Vnts/Rm Vnts/Wtr/I&C

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - 1 Lot Unit Cost - 180 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
	Factors	6750	Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE050 - IWCP/AHR/RWP Drain/Rmv Rsh Rngs/Aply Fix Tanks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 11.8,11.8,106.2,11.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units		
	750	STRAIGHT TIME BASE			E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	10.49	Hours
	Factors	11.8	Hours									

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						

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750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	94.45	Hours
Factors	106.2	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
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Starts In FY *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828PE060 - Engineering - Cran/InstHrl/Rmv Pit Cvr/Rmv Tnks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources										
	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried		Linear	6.140.11
Factors	6750	Dollars		1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828PE070 - IWCP/AHA/AJR/RWP - Decon/Floor Fixative

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 1.18,1.18,10.62,1.18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours		0.88934 [SYS 061400] .88934200 - System							
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	1.05	Hours	
Factors	1.18	Hours		0.88934 [SYS 061400] .88934200 - System							
750	STRAIGHT TIME BASE		P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	9.44	Hours	
Factors	10.62	Hours		0.88934 [SYS 061400] .88934200 - System							
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	1.05	Hours	
Factors	1.18	Hours		0.88934 [SYS 061400] .88934200 - System							

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828PE080 - IWCP/AHA/AJR/RWP - Char/Fnl Surveys

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - HOURS Unit Cost - 1.18,1.18,10.62,1.18							
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WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
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Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	9.44	Hours
Factors	10.62	Hours						
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						
							0.88934	[SYS 061400] .88934200 - Svstem

Line Item 828PE090 - Engineering - Fabricate/Install Pit Cover

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 2025.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.842	03Dollars
Factors	2025	Dollars	1.02283	--	FY00 Escalation --			
							0.88934	[SYS 061400] .88934200 - Svstem

Line Item 828PE100 - IWCP/AHA/AJR/RWP - Fabricate/Install Pit Cover

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 1.18,1.18,10.62,1.18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.05	Hours
Factors	1.18	Hours						
							0.88934	[SYS 061400] .88934200 - Svstem

WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	9.44	Hours
Factors 10.62 Hours								

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	1.05	Hours
Factors 1.18 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE110 - ORC - Fabricate/Install Pit Cover

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	4.89	Hours
Factors	5.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item 828PE120 - IWCP/AHA/AJR/RWP - HEUN/Wtr/Vnts/I&C

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 11.8,11.8,106.2,11.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	94.45	Hours
Factors	106.2	Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	10.49	Hours
Factors	11.8	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 828PE130 - ORC - Drain/Rmv Rsh Rngs/Aply Fix Tnks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours
Factors	5.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours
Factors	1.5	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 828PE140 - IWCP/AHA/AJR/RWP-Crn/Inst/HRI/Pt Cvr/Rmv Tnks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A							
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WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Basis for adjustment - N/A
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	8.40	Hours
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	75.56	Hours	
Factors	84.96	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	8.40	Hours	
Factors	9.44	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item 828PE150 - ORC - Cran/Inst/Hnd RI/Pit Cvr/Rmv Tanks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	4.89	Hours	
Factors	5.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.33	Hours	
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item 828PE160 - ORC - HEUN/Wtr/Vnts/I&C

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data:								
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WBS No: 1EED0604
Activity ID: 1E8861P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	4.89	Hours
Factors	5.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.33	Hours
Factors	1.5	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	8.319.00Dollars
Factors	8319	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	3.180.79Dollars
Factors	3180.79	Dollars					

Activity ID: 1E8861P005 Description: 828 Tank Pit Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828PE010	Engineering - Drain/Rmv Rsh Rngs Aply Fix Tnks	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
828PE020	IWCP/AHA/AJR/RWP - Sample Tank Contents	1.00	ea	EE	45	45	1.342	0	0	1.342	464	1.806
828PE030	ORC - Sample Tank Contents	1.00	ea	EE	14	14	742	0	0	742	257	998
828PE040	Engineering - HEUN/Tnk Vnts/Rm Vnts/Wtr/I&C	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
828PE050	IWCP/AHR/RWP Drain/Rmv Rsh Rngs/Aply Fix Tanks	1.00	ea	EE	151	151	4.473	0	0	4.473	1.548	6.020
828PE060	Engineering - Cran/InstHrl/Rmv Pit Cvr/Rmv Tnks	1.00	ea	EE	0	0	0	6.140	0	6.140	0	6.140
828PE070	IWCP/AHA/AJR/RWP - Decon/Floor Fixative	1.00	ea	EE	15	15	448	0	0	448	155	602
828PE120	IWCP/AHA/AJR/RWP - HEUN/Wtr/Vnts/I&C	1.00	ea	EE	151	151	4.473	0	0	4.473	1.548	6.020
828PE130	ORC - Drain/Rmv Rsh Rngs/Aply Fix Tnks	1.00	ea	EE	14	14	742	0	0	742	257	998
828PE140	IWCP/AHA/AJR/RWP-Crn/InstHrl/Pt Cvr/Rmv Tnks	1.00	ea	EE	121	121	3.578	0	0	3.578	1.238	4.816
828PE150	ORC - Cran/Inst/Hnd RI/Pit Cvr/Rmv Tanks	1.00	ea	EE	14	14	742	0	0	742	257	998
828PE160	ORC - HEUN/Wtr/Vnts/I&C	1.00	ea	EE	14	14	742	0	0	742	257	998
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.555	11.555	0	11.555
Total for Activity 1E8861P005:						539	17.279	18.420	11.555	47.255	5.979	53.233

Line Item 828PE010 - Engineering - Drain/Rmv Rsh Rngs Aply Fix Tnks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with
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WBS No: 1EED0604
Activity ID: 1E8861P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Dollars
Unit Cost - 6750.00
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11
Factors	6750	Dollars	1.02283	-- FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828PE020 - IWCP/AHA/AJR/RWP - Sample Tank Contents

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 3.54,3.54,31.86,3.54
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	3.78
Factors	4.25	Hours					
0.88934 [SYS 061400] .88934200 - Svsstem							
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	3.78
Factors	4.25	Hours					
0.88934 [SYS 061400] .88934200 - Svsstem							
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	34.00
Factors	38.23	Hours					
0.88934 [SYS 061400] .88934200 - Svsstem							
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	3.78
Factors	4.25	Hours					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828PE030 - ORC - Sample Tank Contents

BOE Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0604
Activity ID: 1E8861P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.87	Hours
Factors	6.6	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem					

Line Item 828PE040 - Engineering - HEUN/Tnk Vnts/Rm Vnts/Wtr/I&C

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - 1 Lot Unit Cost - 180 Hours Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
	Factors	6750 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE050 - IWCP/AHR/RWP Drain/Rmv Rsh Rngs/Aply Fix Tanks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 11.8,11.8,106.2,11.8 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	12.59	Hours
	Factors	14.16	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0604
Activity ID: 1E8861P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	12.59	Hours
Factors	14.16	Hours						
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	113.34	Hours
Factors	127.44	Hours						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	12.59	Hours
Factors	14.16	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 828PE060 - Engineering - Cran/InstHrl/Rmv Pit Cvr/Rmv Tnks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Dollars Unit Cost - 6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6.140.11	Dollars
	Factors	6750 Dollars	1.02283 -- FY00 Escalation --						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE070 - IWCP/AHA/AJR/RWP - Decon/Floor Fixative

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 1.18,1.18,10.62,1.18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	1.26Hours
	Factors	1.42	Hours							
	0.88934 ISYS 0614001.88934200 - Svstem									
	750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	1.26Hours
	Factors	1.42	Hours							
	0.88934 ISYS 0614001.88934200 - Svstem									
	750	STRAIGHT TIME BASE		P070	COST ESTIMATORS PLANNERS AN		R100S	RMRS Salaried	Linear	11.33Hours
	Factors	12.74	Hours							
	0.88934 ISYS 0614001.88934200 - Svstem									
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		R100S	RMRS Salaried	Linear	1.26Hours	
Factors	1.42	Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE120 - IWCP/AHA/AJR/RWP - HEUN/Wtr/Vnts/I&C

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with							
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WBS No: 1EED0604
Activity ID: 1E8861P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
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Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 11.8,11.8,106.2,11.8
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	12.59	Hours
Factors 14.16 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	12.59	Hours
Factors 14.16 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	12.59	Hours
Factors 14.16 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	

Line Item 828PE130 - ORC - Drain/Rmv Rsh Rngs/Aply Fix Tnks

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: ORC in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - ORC
Units - Hours
Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60	Hours
Factors 1.8 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors 1.8 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.87	Hours
Factors 6.6 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors 1.8 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors 1.8 Hours								
						0.88934 [SYS 061400]	88934200 - Svstem	

WBS No: 1EED0604
Activity ID: 1E8861P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE140 - IWCP/AHA/AJR/RWP-Crn/Inst/HRI/Pt Cvr/Rmv Tnks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Planning & Engineering Labor Units - Hours Unit Cost - 9.44,9.44,84.96,9.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>	
	750	STRAIGHT TIME BASE		E080	NUCLEAR (CRITICALITY) ENGINEER		R100S	RMRS Salaried	Linear	10.08	Hours
	<i>Factors</i>	11.33	Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	10.08	Hours
Factors	11.33	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	90.67	Hours
Factors	101.95	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	10.08	Hours
Factors	11.33	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828PE150 - ORC - Cran/Inst/Hnd RI/Pit Cvr/Rmv Tanks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60	Hours
	Factors	1.8	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.87	Hours
Factors	6.6	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0604
Activity ID: 1E8861P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	1.60	Hours
Factors	1.8	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 828PE160 - ORC - HEUN/Wtr/Vnts/I&C

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: ORC in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - ORC Units - Hours Unit Cost - 1.5,1.5,5.5,1.5,1.5,1.5 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K100S	Kaiser-Hill	Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	1.60	Hours
Factors	1.8	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried		Linear	5.87	Hours
Factors	6.6	Hours	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	8,359.05	Dollars
	Factors		8359.05 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	3,196.11	Dollars
	Factors		3196.11 Dollars							

Activity ID: 1E8864P000 Description: 828 TANK PIT DECONTAMINATION

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828DC010	Apply Fixative to Inside of Tanks	1.00	ea	EE	113	113	2,338	0	0	2,338	659	2,998
828DC020	Decon/Floor Fixative 828	1.00	ea	EE	38	38	777	0	0	777	219	996

WBS No: 1EED0604
Activity ID: 1E8864P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	575	575	0	575
Total for Activity 1E8864P000:						151	3.115	0	575	3.690	879	4.568

Line Item 828DC010 - Apply Fixative to Inside of Tanks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply fixative to inside of tanks in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply fixative to inside of tanks Units - Hours Unit Cost - 42.48, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors	42.48	Hours	0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	75.56	Hours	
Factors	84.96	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DC020 - Decon/Floor Fixative 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Decon and/or apply fixative to floor in 828 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Decon and/or apply fixative to floor in 828 Units - Hours Unit Cost - 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	37.78	Hours
	Factors	42.48	Hours							
								0.88934	[SYS 061400] .88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	191.15	Dollars
	Factors 191.152 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	383.47	Dollars
	Factors 383.468 Dollars									

Activity ID: 1E8864P002 Description: 828 Tank Pit Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828DC010	Apply Fixative to Inside of Tanks	1.00	ea	EE	136	136	2.806	0	0	2.806	908	3.714
828DC020	Decon/Floor Fixative 828	1.00	ea	EE	91	91	1.873	0	0	1.873	606	2.480
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.397	1.397	0	1.397
Total for Activity 1E8864P002:						227	4.679	0	1.397	6.076	1.514	7.590

WBS No: 1EED0604
Activity ID: 1E8864P002

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 828DC010 - Apply Fixative to Inside of Tanks

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Apply fixative to inside of tanks in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Apply fixative to inside of tanks Units - Hours Unit Cost - 42.48, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	45.34	Hours
	Factors 50.98 Hours									
	0.88934 [SYS 061400] .88934200 - Svsstem									
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	90.67	Hours
	Factors 101.95 Hours									
	0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item 828DC020 - Decon/Floor Fixative 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Decon and/or apply fixative to floor in 828 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Decon and/or apply fixative to floor in 828 Units - Hours Unit Cost - 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	45.34	Hours	
	Factors	50.98	Hours								
									0.88934	[SYS 061400] .88934200 - Svsstem	
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	45.34	Hours	
Factors	50.98	Hours									
									0.88934	[SYS 061400] .88934200 - Svsstem	

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	881.40	Dollars
	Factors	881.398 Dollars								
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	515.53	Dollars
	Factors	515.530 Dollars								

Activity ID: 1E8864P005 Description: 828 TANK PIT DECONTAMINATION FY01

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828DC030	Characterization Surveys 828	1.00	ea	EE	38	38	784	0	0	784	271	1,055
828DC040	Final Surveys 828	1.00	ea	EE	19	19	392	0	0	392	136	528
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	443	443	0	443

WBS No: 1EED0604
Activity ID: 1E8864P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total for Activity 1E8864P005:

57	1.176	0	443	1.619	407	2.026
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Line Item 828DC030 - Characterization Surveys 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Perform characterization surveys in 828 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Perform characterization surveys in 828 Units - Hours Unit Cost - 42.48 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	37.78	Hours
Factors		42.48	Hours					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828DC040 - Final Surveys 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Perform final surveys in 828 in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Perform final surveys in 828 Units - Hours Unit Cost - 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors		21.24	Hours					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	321.83	Dollars	
	Factors 321.827 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	121.37	Dollars	
	Factors 121.372 Dollars									

Activity ID: 1E8865P000 Description: TANK PIT DISMANTLEMENT

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828DM010	Sample Tank Contents	1.00	ea	EE	756	756	15.289	0	0	15.289	4.312	19.601
828DM020	Drain Tank Contents	1.00	ea	EE	189	189	3.899	0	0	3.899	1.100	4.999
828DM030	Remove/Package Rashia Rings 828	1.00	ea	EE	623	623	12.863	0	0	12.863	3.627	16.491
828DM040	Fabricate Tank Saddles	1.00	ea	EE	64	64	1.374	0	0	1.374	388	1.762
828DM050	Disconnect/Foam/Cap HEUN Piping 828	1.00	ea	EE	227	227	4.683	0	0	4.683	1.321	6.004
828DM060	Disconnect/Foam/Cap Tank Vents 828	1.00	ea	EE	151	151	3.122	0	0	3.122	880	4.003
828DM080	Install Handrail Around Pit	1.00	ea	EE	32	32	659	0	0	659	186	844
828DM090	Remove Pit Cover 828	1.00	ea	EE	76	76	1.558	0	0	1.558	439	1.997

WBS No: 1EED0604
Activity ID: 1E8865P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

828DM100	Remove/Package Tanks 828	1.00	ea	EE	340	340	7.008	0	0	7.008	1.976	8.984
828DM110	Disconnect/Foam/Cap Ventilation Ducts 828	1.00	ea	EE	189	189	3.920	0	0	3.920	1.105	5.025
828DM120	Drain/Disconnect/Cap Cooling/Domestic Water 828	1.00	ea	EE	32	32	659	0	0	659	186	844
828DM130	Remove/Package Inst & Cntrls - 828 Pit	1.00	ea	EE	227	227	4.756	0	0	4.756	1.341	6.098
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.206	11.206	0	11.206
Total for Activity 1E8865P000:						2.905	59.790	0	11.206	70.996	16.861	87.856

Line Item 828DM010 - Sample Tank Contents

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Sample tank contents in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Sample tank contents Units - Hours Unit Cost - 212.4, 424.8, 212.4 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	L060	MISSION SUP SPEC II (FLTTCCH. WS	R100S	RMRS Salaried	Linear	188.90	Hours
Factors 212.4 Hours								
		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	377.79	Hours
Factors 424.8 Hours								
		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	188.90	Hours
Factors 212.4 Hours								
		0.88934 [SYS 061400] .88934200 - Svstem						

Line Item 828DM020 - Drain Tank Contents

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Drain tank contents in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Drain tank contents Units - Hours Unit Cost - 84.96, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
Factors 84.96 Hours								
		0.88934 [SYS 061400] .88934200 - Svstem						
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								
		0.88934 [SYS 061400] .88934200 - Svstem						

Line Item 828DM030 - Remove/Package Rashig Rings 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package rashig rings in support of the 886 Cluster Removal Project. Breakdown of Cost Data:											

WBS No: 1EED0604
Activity ID: 1E8865P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Item - Remove and package rashig rings
Units - Hours
Unit Cost - 254.88, 446.04
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	226.68	Hours
Factors 254.88 Hours										
								0.88934	[SYS 061400] .88934200 - Svstem	
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	396.68	Hours
Factors 446.04 Hours										
								0.88934	[SYS 061400] .88934200 - Svstem	

Line Item 828DM040 - Fabricate Tank Saddles

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Fabricate tank saddles in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Fabricate tank saddles
Units - Hours
Unit Cost - 72
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C090	STRUCTURAL AND METAL WORKE	R100S	RMRS Salaried	Linear	64.03	Hours

Factors72Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM050 - Disconnect/Foam/Cap HEUN Piping 828

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, foam and cap the HEUN piping in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

- Item - Disconnect, foam and cap the HEUN piping
- Units - Hours
- Unit Cost - 127.44
- Unit Cost Adjustment factor - None
- Revised Unit Cost - N/A
- Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	113.34	Hours
Factors 127.44 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM060 - Disconnect/Foam/Cap Tank Vents 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other									
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WBS No: 1EED0604
Activity ID: 1E8865P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Disconnect, foam and cap tank vents in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Disconnect, foam and cap tank vents
Units - Hours
Unit Cost - 84.96, 84.96
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	75.56	Hours
Factors	84.96	Hours							
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	75.56	Hours
Factors	84.96	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM080 - Install Handrail Around Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Install handrail around the pit in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Install handrail around the pit Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM090 - Remove Pit Cover 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove pit cover in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove pit cover Units - Hours Unit Cost - 21.24, 63.72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A								
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors	21.24	Hours							
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	56.67	Hours
Factors	63.72	Hours							

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0604
Activity ID: 1E8865P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 828DM100 - Remove/Package Tanks 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package tanks in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package tanks Units - Hours Unit Cost - 84.96, 297.36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
	Factors 84.96 Hours									
	0.88934 [SYS 061400] .88934200 - Svsstem									
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	264.45	Hours
	Factors 297.36 Hours									
	0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item 828DM110 - Disconnect/Foam/Cap Ventilation Ducts 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, foam and cap ventilation ducts in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, foam and cap ventilation ducts Units - Hours Unit Cost - 84.96, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
	Factors 84.96 Hours			0.88934 [SYS 061400] .88934200 - Svsstem						
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	113.34	Hours
	Factors 127.44 Hours			0.88934 [SYS 061400] .88934200 - Svsstem						

Line Item 828DM120 - Drain/Disconnect/Cap Cooling/Domestic Water 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Drain, disconnect and cap cooling and domestic water in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Drain, disconnect and cap cooling and domestic water Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0604
Activity ID: 1E8865P000

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 828DM130 - Remove/Package Inst & Cntrls - 828 Pit

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package instrumentation and controls in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package instrumentation and controls Units - Hours Unit Cost - 84.96, 84.96, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	75.56	Hours
	Factors	84.96	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	75.56	Hours
Factors	84.96	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	75.56	Hours
Factors	84.96	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.846.44	Dollars	
	Factors 3846.44 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	7.359.66	Dollars	
	Factors 7359.66 Dollars									

Activity ID: 1E8865P002 Description: TANK PIT DISMANTLEMENT FY00

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828DM010	Sample Tank Contents	1.00	ea	EE	907	907	18.347	0	0	18.347	6.149	24.496
828DM020	Drain Tank Contents	1.00	ea	EE	227	227	4.679	0	0	4.679	1.568	6.247
828DM030	Remove/Package Rashia Rinas 828	1.00	ea	EE	748	748	15.436	0	0	15.436	5.173	20.609
828DM040	Fabricate Tank Saddles	1.00	ea	EE	77	77	1.649	0	0	1.649	553	2.202
828DM050	Disconnect/Foam/Cap HEUN Piping 828	1.00	ea	EE	272	272	5.620	0	0	5.620	1.883	7.503
828DM060	Disconnect/Foam/Cap Tank Vents 828	1.00	ea	EE	181	181	3.746	0	0	3.746	1.255	5.001
828DM070	Mobilize Crane (Tank Removal) 828	1.00	ea	EE	0	0	0	21.664	0	21.664	0	21.664
828DM080	Install Handrail Around Pit	1.00	ea	EE	38	38	790	0	0	790	265	1.055
828DM090	Remove Pit Cover 828	1.00	ea	EE	91	91	1.869	18.054	0	19.923	626	20.549
828DM100	Remove/Package Tanks 828	1.00	ea	EE	408	408	8.409	0	0	8.409	2.818	11.227
828DM110	Disconnect/Foam/Cap Ventilation Ducts 828	1.00	ea	EE	227	227	4.704	0	0	4.704	1.576	6.280
828DM120	Drain/Disconnect/Cap Cooling/Domestic Water 828	1.00	ea	EE	38	38	790	0	0	790	265	1.055
828DM130	Remove/Package Inst & Cntrls - 828 Pit	1.00	ea	EE	272	272	5.708	0	0	5.708	1.913	7.620
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	33.394	33.394	0	33.394
Total for Activity 1E8865P002:						3.486	71.747	39.718	33.394	144.859	24.046	168.905

Line Item 828DM010 - Sample Tank Contents

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with											
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WBS No: 1EED0604
Activity ID: 1E8865P002

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Sample tank contents in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Sample tank contents
Units - Hours
Unit Cost - 212.4, 424.8, 212.4
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	L060 MISSION SUP SPEC II (FLTTC.H. WS	R100S RMRS Salaried	Linear	226.68	Hours
Factors	254.88	Hours					
	750	STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	453.35	Hours
Factors	509.76	Hours					
	750	STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	226.68	Hours
Factors	254.88	Hours					
0.88934 [SYS 061400] .88934200 - Svstem							
0.88934 [SYS 061400] .88934200 - Svstem							

Line Item 828DM020 - Drain Tank Contents

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Drain tank contents in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Drain tank contents Units - Hours Unit Cost - 84.96, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
Resources		Cost Element	Skill	Department	Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	R100S RMRS Salaried	Linear	90.67	Hours
Factors	101.95	Hours					
	750	STRAIGHT TIME BASE	T100 D&D CONSTRUCTION TRADES (incl.	R100S RMRS Salaried	Linear	136.01	Hours
Factors	152.93	Hours					
0.88934 [SYS 061400] .88934200 - Svstem							

Line Item 828DM030 - Remove/Package Rashig Rings 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package rashig rings in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package rashig rings Units - Hours Unit Cost - 254.88, 446.04 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						
Resources		Cost Element	Skill	Department	Curve	Quantity	Units

WBS No: 1EED0604
Activity ID: 1E8865P002

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	272.01	Hours
Factors 305.86 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	476.02	Hours
Factors 535.25 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM040 - Fabricate Tank Saddles

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Fabricate tank saddles in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Fabricate tank saddles Units - Hours Unit Cost - 72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C090	STRUCTURAL AND METAL WORKE	R100S	RMRS Salaried	Linear	76.84	Hours
Factors 86.4 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM050 - Disconnect/Foam/Cap HEUN Piping 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, foam and cap the HEUN piping in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, foam and cap the HEUN piping Units - Hours Unit Cost - 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	136.01	Hours
Factors 152.93 Hours									

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	136.01	Hours
Factors 152.93 Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM060 - Disconnect/Foam/Cap Tank Vents 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, foam and cap tank vents in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, foam and cap tank vents Units - Hours Unit Cost - 84.96, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A							
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WBS No: 1EED0604
Activity ID: 1E8865P002

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	90.65	Hours

Factors 101.93 Hours

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	90.65	Hours
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Factors 101.93 Hours

0.88934 [SYS 061400] .88934200 - Svstem

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM070 - Mobilize Crane (Tank Removal) 828

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Mobilize the crane in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Mobilize the crane
Units - Dollars
Unit Cost - Costs are included in subcontract
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5L	RENTALS	0000	NONE	R100S	RMRS Salaried	Linear	21.664.37	Dollars

Factors 24000 Dollars

1.015 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM080 - Install Handrail Around Pit

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Install handrail around the pit in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Install handrail around the pit
Units - Hours
Unit Cost - 36
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	38.42	Hours

Factors 43.2 Hours

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM090 - Remove Pit Cover 828

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Remove pit cover in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

Item - Remove pit cover
Units - Hours
Unit Cost - 21.24, 63.72
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0604
Activity ID: 1E8865P002

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	22.67	Hours
Factors 25.49 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									
750 STRAIGHT TIME BASE T100 D&D CONSTRUCTION TRADES (incl. R100S RMRS Salaried Linear 68.00Hours									
Factors 76.46 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									
A5C SUPPLIES 0000 NONE R100S RMRS Salaried Linear 18.053.64Dollars									
Factors 20000 Dollars 1.015 -- FY00 Escalation --									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item 828DM100 - Remove/Package Tanks 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package tanks in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package tanks Units - Hours Unit Cost - 84.96, 297.36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	90.67	Hours
Factors 101.95 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									
750 STRAIGHT TIME BASE T100 D&D CONSTRUCTION TRADES (incl. R100S RMRS Salaried Linear 317.34Hours									
Factors 356.83 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item 828DM110 - Disconnect/Foam/Cap Ventilation Ducts 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect, foam and cap ventilation ducts in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect, foam and cap ventilation ducts Units - Hours Unit Cost - 84.96, 127.44 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	136.01	Hours
Factors 152.93 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									
750 STRAIGHT TIME BASE T050 RADIATION CONTROL TECHNOLOGI R100S RMRS Salaried Linear 90.67Hours									
Factors 101.95 Hours									
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item 828DM120 - Drain/Disconnect/Cap Cooling/Domestic Water 828

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).								
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WBS No: 1EED0604
Activity ID: 1E8865P002

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Costs included in this activity are: Drain, disconnect and cap cooling and domestic water in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Drain, disconnect and cap cooling and domestic water
Units - Hours
Unit Cost - 36
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	38.42Hours
Factors		43.2	Hours				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 828DM130 - Remove/Package Inst & Cntrls - 828 Pit

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and package instrumentation and controls in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and package instrumentation and controls Units - Hours Unit Cost - 84.96, 84.96, 84.96 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A					
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	90.67Hours
Factors		101.95	Hours				

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	90.67Hours
Factors		101.95	Hours				

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	90.67Hours
Factors		101.95	Hours				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE							
Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	22.571.02Dollars
Factors		22571.0	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	10.823.17Dollars
Factors		10823.2	Dollars				

Activity ID: 1E8865P005 Description: Tank Pit Dismantlement FY01

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
828DM140	Fabricate/Install Pit Cover w/entrance port	1.00	ea	EE	160	160	3,293	0	0	3,293	929	4,221
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	617	617	0	617
Total for Activity 1E8865P005:						160	3,293	0	617	3,910	929	4,839

Line Item 828DM140 - Fabricate/Install Pit Cover w/entrance port

BOE		Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).										
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WBS No: 1EED0604
Activity ID: 1E8865P005

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Costs included in this activity are: Fabricate and install pit cover with entrance port in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Fabricate and install pit cover with entrance port
Units - Hours
Unit Cost - 180 Hours
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	160.08
Factors		180	Hours				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	211.84
Factors		211.841	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	405.33
Factors		405.33	Dollars				

WBS No: 1EED0605 Title: T-886A Decommissioning
Activity ID: 1EED6051 Description: T886A Decomm. Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.725	1.725	0	1.725
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	1.96	msf	HC	9	17	500	2.550	0	3.050	174	3.225
Total for Activity 1EED6051:						17	500	2.550	1.725	4.775	174	4.950

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.225.39
Factors		1225.39	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	499.54
Factors		499.54	Dollars				

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02

Adjusted Unit Cost:
Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00
Total Unit Cost: \$1,750.02
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0605
Activity ID: 1EED6051

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	6.27	Hours
Factors	7.05	hours						

0.88934 [SYS 061400] .88934200 - Svsstem

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.45	Hours
Factors	2.76	hours						

0.88934 [SYS 061400] .88934200 - Svsstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	56.03	Dollars
Factors	63	dollars						

0.88934 [SYS 061400] .88934200 - Svsstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,245.08	Dollars
Factors	1400	dollars						

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1EED6053 Description: T886A Decomm. Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	17.039	17.039	0	17.039
T886DM020	Drain/Cut/Cap FSS in Room 126	1.00	ea	EE	320	320	6,586	500	0	7,086	2,292	9,378
T886DM030	Disconnect Power - Trailer	1.00	ea	EE	32	32	693	0	0	693	241	934
T886DM040	Disconnect Fover Power	1.00	ea	EE	64	64	1,385	0	0	1,385	482	1,867
T886DM050	Remove Trailer Skirting	1.00	ea	EE	32	32	659	0	0	659	229	888
T886DM060	Remove/Disposition Trailer Contents	1.00	ea	EE	160	160	3,327	0	0	3,327	1,158	4,485
T886DM070	Disconnect Power/Remove Transformer T886A	1.00	ea	EE	32	32	693	0	0	693	241	934
T886DM080	Disconnect Telecom	1.00	ea	EE	48	48	811	0	0	811	282	1,093
T886DM090	Disconnect LSDW/Alarms	1.00	ea	EE	32	32	659	0	0	659	229	888
T886DM100	Disassemble Fover/Rear Access	1.00	ea	EE	320	320	6,586	0	0	6,586	2,292	8,878
T886DM110	Install Trailer Hitch (2)	1.00	ea	EE	32	32	659	0	0	659	229	888
T886DM120	Install Trailer Tires	1.00	ea	EE	16	16	311	0	0	311	108	419
T886DM130	Remove Blocking/Tiedowns	1.00	ea	EE	32	32	659	0	0	659	229	888
Total for Activity 1EED6053:						1,121	23,024	500	17,039	40,563	8,012	48,576

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	12,153.30	Dollars
Factors	12153.3	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4,885.53	Dollars
Factors	4885.53	Dollars						

Line Item T886DM020 - Drain/Cut/Cap FSS in Room 126

BOE

Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).

Costs included in this activity are: Drain, cut, cap FSS in Room 126 in support of the 886 Cluster Removal Project.

Breakdown of Cost Data:

- Item - Drain, cut, cap FSS in Room 126
- Units - Hours, Dollars
- Unit Cost - 360, 550.00
- Unit Cost Adjustment factor - None
- Revised Unit Cost - N/A
- Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	320.16	Hours
Factors	360	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

WBS No: 1EED0605
Activity ID: 1EED06053

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	K263S	Fire Tactical Operations	Linear	500.31	Dollars
Factors	550	Dollars	1.02283	--	FY00 Escalation --			

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item T886DM030 - Disconnect Power - Trailer

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect trailer power in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect trailer power Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours
	Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item T886DM040 - Disconnect Foyer Power

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect power from foyer in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect power from foyer Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources										
	Cost Element		Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours	
	Factors 36 Hours									
							0.88934 [SYS 061400] 88934200 - System			
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours	
Factors 36 Hours										

0.88934 [SYS 061400] .88934200 - Svsstem

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item T886DM050 - Remove Trailer Skirting

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove trailer skirting in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove trailer skirting Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0605
Activity ID: 1EED06053

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item T886DM060 - Remove/Disposition Trailer Contents

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove and disposition trailer contents in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove and disposition trailer contents Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	R100S	RMRS Salaried	Linear	32.02	Hours
	Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	128.07	Hours
Factors	144	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item T886DM070 - Disconnect Power/Remove Transformer T886A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect power and remove the transformer from T886A in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect power and remove the transformer from T886A Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources										
	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		C020	ELECTRICIANS		R100S	RMRS Salaried	Linear	32.02
Factors	36	Hours								

0.88934 [SYS 061400] .88934200 - Svstem

Line Item T886DM080 - Disconnect Telecom

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect telecommunications lines in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect telecommunications lines Units - Dollars Unit Cost - \$6750.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0605
Activity ID: 1EED06053

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

750	STRAIGHT TIME BASE	L030	UTILITY WORKER	C221S	Steam Plant Operations	Linear	48.02	Hours
Factors	54	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item T886DM090 - Disconnect LSDW/Alarms

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect LSDW and Alarms in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect LSDW and Alarms Units - Hours Unit Cost - 18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	C211S	Electrical Maintenance	Linear	16.01	Hours
	Factors	18	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	C211S	Electrical Maintenance	Linear	16.01	Hours
Factors	18	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item T886DM100 - Disassemble Foyer/Rear Access

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disassemble foyer and rear access in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disassemble foyer and rear access Units - Hours Unit Cost - 360 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources												
	Cost Element			Skill		Department		Curve	Quantity	Units		
	750	STRAIGHT TIME BASE		T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried		Linear	320.16	Hours
Factors	360		Hours									

0.88934 [SYS 061400] .88934200 - Svstem

Line Item T886DM110 - Install Trailer Hitch (2)

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Reinstall trailer hitches in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Reinstall trailer hitches Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0605
Activity ID: 1EED6053

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	32.02	Hours
Factors	36	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item T886DM120 - Install Trailer Tires

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Reinstall trailer tires in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Reinstall trailer tires Units - HOURS Unit Cost - 18 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	L070	MISSION SUP SPEC III	C232S	NG Vehicle/Equip Maintenance	Linear	16.01	Hours
	Factors	18	Hours						

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item T886DM130 - Remove Blocking/Tiedowns

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove blocking and tiedowns in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove blocking and tiedowns Units - Hours Unit Cost - 36 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources											
	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE			T100	D&D CONSTRUCTION TRADES (incl.		R100S	RMRS Salaried	Linear	32.02
Factors	36	Hours									

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1EED6054 Description: T886A Decomm. Decontamination

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	974	974	0	974
T886C01	Survey/Characterize Building	1.00	each	EE	59	59	1,351	0	0	1,351	470	1,821
Total for Activity 1EED6054:						59	1,351	0	974	2,325	470	2,795

Line Item SYS - Contingency And Escalation

BOE											
Resources	Cost Element				Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY			0000	NONE	ZDEPT	No Department	Linear	692.02	Dollars
	Factors 692.023 Dollars										
	ESC	ESCALATION			0000	NONE	ZDEPT	No Department	Linear	282.11	Dollars
	Factors 282.109 Dollars										

Line Item T886C01 - Survey/Characterize Building

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).											
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WBS No: 1EED0605
Activity ID: 1EED06054

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Experience Item Desc - Included in this activity are costs to survey and characterize T886A prior to release as property in support of the 886 Cluster Removal Project. 3 Day duration 1/31/00-2/2/00.
Breakdown of Cost Data:
Item - Labor/Overtime Labor
Units - 1 Lot
Unit Cost - 54 Hours,12 Overtime Hours
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	48.02	Hours
Factors		54	Hours					
751	OVERTIME BASE & PRE.	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	10.67	Hours
Factors		12	Hours OT					

Activity ID: 1EED6056 Description: T886A Decomm. Demolition

0.88934 [SYS 061400] .88934200 - Ssystem
2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	20.484	20.484	0	20.484
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	1.96	msf	HC	0	0	0	37.913	0	37.913	0	37.913
Total for Activity 1EED6056:						0	0	37.913	20.484	58.396	0	58.396

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	14.610.39	Dollars
Factors		14610.4	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	5.873.26	Dollars
Factors		5873.26	Dollars					

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00
Total Unit Cost: \$21,750.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	19.343.19	Dollars
Factors		21750	dollars					

0.88934 [SYS 061400] .88934200 - Ssystem

WBS No: 1EED0606 Title: T-886B Decommissioning

WBS No: 1EED0606
Activity ID: 1EED6061

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Activity ID: 1EED6061 Description: B886B Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.175	1.175	0	1.175
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	6.00	msf	HC	4	24	680	3.322	0	4.002	235	4.238
Total for Activity 1EED6061:						24	680	3.322	1.175	5.177	235	5.412

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	849.90	Dollars
	Factors 849.903 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	324.96	Dollars
	Factors 324.963 Dollars								

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03

Adjusted Unit Cost:
Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE			E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.65	Hours
Factors	2.98	hours									
									0.88934	[SYS 061400] .88934200 - System	
750	STRAIGHT TIME BASE			G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	1.37	Hours
Factors	1.54	hours									
									0.88934	[SYS 061400] .88934200 - System	
A5C	SUPPLIES			0000	NONE		R100S	RMRS Salaried	Linear	20.01	Dollars
Factors	22.5	dollars									
									0.88934	[SYS 061400] .88934200 - System	
A5H	SUBCONTRACTED SRVS			0000	NONE		R100S	RMRS Salaried	Linear	533.61	Dollars
Factors	600	dollars									

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1EED6062 Description: B886B Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	5.161	5.161	0	5.161
TrlrCHRPost89	Trailer (89 and later) Characterization	6.00	msf	HC	28	171	3.685	13.657	0	17.342	1.275	18.617
Total for Activity 1EED6062:						171	3.685	13.657	5.161	22.503	1.275	23.778

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0606
Activity ID: 1EED0602

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.733.82	Dollars
Factors 3733.83 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.427.64	Dollars

Factors 1427.64 Dollars

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88 Total Unit Cost: \$3,249.95 Adjusted Unit Cost: Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88 Total Unit Cost: \$3,249.95 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.80	Hours
Factors 2.02 hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	26.64	Hours
Factors 29.95 hours									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	108.39	Dollars
Factors 121.88 dollars									
0.88934 [SYS 061400] .88934200 - Svstem									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2.167.77	Dollars
Factors 2437.5 dollars									

Activity ID: 1EED0606

Description: B886B Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	8.965	8.965	0	8.965
TrlrDEMPst89	Trailer (89 and later) Demolition/Disposal	6.00	msf	HC	0	0	0	32.016	0	32.016	0	32.016
Total for Activity 1EED0606:						0	0	32.016	8.965	40.982	0	40.982

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	6,510.08	Dollars	
	Factors 6510.08 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2,455.18	Dollars	
	Factors 2455.18 Dollars									

Line Item TrlrDEMPst89 - Trailer (89 and later) Demolition/Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source									
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WBS No: 1EED0606
Activity ID: 1EED6066

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	5.336.05	Dollars
Factors		6000	dollars						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0607 Title: T-886C Decommissioning

Activity ID: 1EED6071 Description: B886C Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	392	392	0	392
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	2.00	msf	HC	4	8	227	1.107	0	1.334	78	1.413
Total for Activity 1EED6071:						8	227	1.107	392	1.726	78	1.804

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	283.30	Dollars
Factors		283.301	Dollars						
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	108.32	Dollars
Factors		108.321	Dollars						

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03

Adjusted Unit Cost:

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0607
Activity ID: 1EED6071

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65	Hours
Factors	2.98	hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37	Hours
Factors	1.54	hours						

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01	Dollars
Factors	22.5	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors	600	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED6072 Description: B886C Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.720	1.720	0	1.720
TrlrCHRPost89	Trailer (89 and later) Characterization	2.00	msf	HC	28	57	1.228	4.552	0	5.781	425	6.206
Total for Activity 1EED6072:						57	1.228	4.552	1.720	7.501	425	7.926

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1,244.61	Dollars
	Factors 1244.61 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	475.88	Dollars
	Factors 475.88 Dollars								

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources												
	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>		
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried		Linear	1.80	Hours
	<i>Factors</i>	2.02	hours									
	0.88934 [SYS 061400] .88934200 - Svstem											
	750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers		Linear	26.64	Hours
	<i>Factors</i>	29.95	hours									
	0.88934 [SYS 061400] .88934200 - Svstem											
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried		Linear	108.39	Dollars
	<i>Factors</i>	121.88	dollars									
	0.88934 [SYS 061400] .88934200 - Svstem											

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0607
Activity ID: 1EED6072

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,167.77	Dollars
Factors		2437.5	dollars					

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1EED6076

Description: B886C Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,988	2,988	0	2,988
TrlrDEMPst89	Trailer (89 and later) Demolition/Disposal	2.00	msf	HC	0	0	0	10.672	0	10.672	0	10.672
Total for Activity 1EED6076:						0	0	10.672	2,988	13.661	0	13.661

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2,170.03	Dollars
Factors		2170.03	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	818.39	Dollars
Factors		818.393	Dollars					

Line Item TrlrDEMPst89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	5,336.05	Dollars
Factors		6000	dollars					

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0608

Title: T-886D Decommissioning

Activity ID: 1EED6081

Description: B886D Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning and Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED6081:						0	0	0	0	0	0	0

Line Item 100 - Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123 and removing gloveboxes in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 0 Dated August 28, 1998.

Item Desc - Decommissioning Planning & Engineering
Breakdown of Historical Data:
Item - Planning & Engineering
Units - 1msf
Unit Cost - 9.93 hrs, \$1,200 subcontracts, \$5.31 supplies

WBS No: 1EED0608
Activity ID: 1EED6081

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	5.02	Hours
Factors	5.64	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.52	Hours
Factors	1.71	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	K311S	D&D Program	Linear	0.76	Hours
Factors	0.86	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.76	Hours
Factors	0.86	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P050	COMPLIANCE INSPECTORS	R100S	RMRS Salaried	Linear	0.76	Hours
Factors	0.86	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	4.79	Dollars
Factors	5.31	Dollars	1.015	-- FY00 Escalation --				
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	K311S	D&D Program	Linear	545.79	Dollars
Factors	600	Dollars	1.02283	-- FY00 Escalation --				
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	545.79	Dollars
Factors	600	Dollars	1.02283	-- FY00 Escalation --				

Activity ID: 1EED6082 Description: B886D Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED6082:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE

Historical Data Source - The costs for Decommissioning B123 and removing gloveboxes in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 0 Dated August 28, 1998.												
Item Desc - Decommissioning Characterization												
Breakdown of Historical Data:												
Item - Characterization												
Units - 1msf												
Unit Cost - 30.21 hrs, \$1,875.29 subcontracts												
Unit Cost Adjustment factor - N/A												
Revised Unit Cost - N/A												
Basis for adjustment - N/A												
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	26.87	Hours
Factors	30.21	Hours						
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED0608
Activity ID: 1EED6082

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.705.85	Dollars
Factors	1875.29	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1EED6086 Description: B886D Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition and Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED6086:						0	0	0	0	0	0	0

Line Item 100 - Demolition and Disposal

BOE	<p>Historical Data Source - The costs for Decommissioning B123 and removing gloveboxes in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 0 Dated August 28, 1998.</p> <p>Item Desc - Decommissioning Demolition & Disposal</p> <p>Breakdown of Historical Data:</p> <p>Item - Demolition & Disposal</p> <p>Units - 1msf</p> <p>Unit Cost - \$17,500 subcontracts</p> <p>Unit Cost Adjustment factor - N/A</p> <p>Revised Unit Cost - N/A</p> <p>Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	16.092.64	Dollars
Factors	17500	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0609 Title: T-888A Decommissioning

Activity ID: 1EED6091 Description: B888A Decomm. Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
888APE010	Engineering - Remove Power (Isol/Discon) B888A	1.00	ea	EE	0	0	0	3.070	0	3.070	0	3.070
888APE020	IWCP/AHA/AJR/RWP - Remove Pwr (Iso/Discon) B888A	1.00	ea	EE	38	38	1.118	0	0	1.118	389	1.507
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.449	2.449	0	2.449
Total for Activity 1EED6091:						38	1.118	3.070	2.449	6.637	389	7.026

Line Item 888APE010 - Engineering - Remove Power (Isol/Discon) B888A

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).</p> <p>Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.</p> <p>Breakdown of Cost Data:</p> <p>Item - Planning & Engineering Labor</p> <p>Units - Dollars</p> <p>Unit Cost - \$3375.00</p> <p>Unit Cost Adjustment factor - None</p> <p>Revised Unit Cost - N/A</p> <p>Basis for adjustment - N/A</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Cost Element		Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors	3375	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item 888APE020 - IWCP/AHA/AJR/RWP - Remove Pwr (Iso/Discon) B888A

BOE	<p>Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other</p>
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WBS No: 1EED0609
Activity ID: 1EED6091

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster).
Costs included in this activity are: Work Planning, Engineering, IWCP initiation, development and completion in support of the 886 Cluster Removal Project.
Breakdown of Cost Data:
Item - Planning & Engineering Labor
Units - Hours
Unit Cost - 3.54
Unit Cost Adjustment factor - None
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E080	NUCLEAR (CRITICALITY) ENGINEER	R100S	RMRS Salaried	Linear	3.15	Hours
Factors	3.54	Hours							
							0.88934	[SYS 061400] .88934200 - Svsstem	
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	3.15	Hours	
Factors	3.54	Hours							
							0.88934	[SYS 061400] .88934200 - Svsstem	
750	STRAIGHT TIME BASE	P070	COST ESTIMATORS PLANNERS AN	R100S	RMRS Salaried	Linear	28.33	Hours	
Factors	31.86	Hours							
							0.88934	[SYS 061400] .88934200 - Svsstem	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	R100S	RMRS Salaried	Linear	3.15	Hours	
Factors	3.54	Hours							
							0.88934	[SYS 061400] .88934200 - Svsstem	

Line Item SYS - Contingency And Escalation

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1.739.45	Dollars
Factors 1739.45 Dollars									
							Linear	709.10	Dollars
Factors 709.102 Dollars									

Activity ID: 1EED6094 Description: B888A Decomm. Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A888PE010	Disconnect/Rmv Ovhd Lines B888A	1.00	ea	EE	64	64	1.081	0	0	1.081	376	1.457
A888PE020	Remove Fence B888A	1.00	ea	EE	0	0	0	4.634	0	4.634	0	4.634
A888PE030	Disconnect/Remove Transformer B888A	1.00	ea	EE	48	48	1.039	0	0	1.039	361	1.400
A888PE050	Characterization Surveys B888A	1.00	ea	EE	9	9	196	0	0	196	68	264
A888PE060	Final Surveys B888A	1.00	ea	EE	19	19	392	0	0	392	136	528
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	4.475	4.475	0	4.475
Total for Activity 1EED6094:						140	2.708	4.634	4.475	11.817	942	12.759

Line Item A888PE010 - Disconnect/Rmv Ovhd Lines B888A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect and remove overhead lines in B888A in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect and remove overhead lines in B888A Units - Hours Unit Cost - 72 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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WBS No: 1EED0609
Activity ID: 1EED6094

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	L030	UTILITY WORKER	C221S	Steam Plant Operations	Linear	64.03	Hours
	Factors	72	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item A888PE020 - Remove Fence B888A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Remove fence from B888A in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Remove fence from B888A Units - Dollars Unit Cost - \$5094.00 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.633.74	Dollars
	Factors	5094	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item A888PE030 - Disconnect/Remove Transformer B888A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Disconnect and remove B888A transformer in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Disconnect and remove B888A transformer Units - Hours Unit Cost - 54 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C020	ELECTRICIANS	C221S	Steam Plant Operations	Linear	48.02	Hours
	Factors	54	Hours						

0.88934 [SYS 061400] .88934200 - System

Line Item A888PE050 - Characterization Surveys B888A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Characterization Surveys B888A in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Characterization Surveys B888A Units - Hours Unit Cost - 10.62 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	9.44	Hours
	Factors	10.62	Hours						

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0609
Activity ID: 1EED6094

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item A888PE060 - Final Surveys B888A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Final Surveys in B888A in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Final Surveys in B888A Units - Hours Unit Cost - 21.24 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.89	Hours
Factors		21.24	Hours					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3,192.23	Dollars	
	Factors 3192.23 Dollars									
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,283.25	Dollars	
	Factors 1283.25 Dollars									

Activity ID: 1EED6096 Description: B888A Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
A888PE040	Demolish H-Frame B888A	1.00	ea	EE	96	96	1,976	0	0	1,976	688	2,663
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1,439	1,439	0	1,439
Total for Activity 1EED6096:						96	1,976	0	1,439	3,415	688	4,102

Line Item A888PE040 - Demolish H-Frame B888A

BOE	Estimators Experience - This estimate was developed following comprehensive reviews of the master project schedule by multiple qualified SMEs familiar with the project. Additionally, analysis of previously performed similar activities by the estimator augmented the SME reviews. Information was compared to other similar projects, in particular Lessons Learned from completed projects (e.g., 123 Cluster). Costs included in this activity are: Demolish the H-Frame B888A in support of the 886 Cluster Removal Project. Breakdown of Cost Data: Item - Demolish the H-Frame B888A Units - Hours Unit Cost - 108 Unit Cost Adjustment factor - None Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	T100	D&D CONSTRUCTION TRADES (incl.	R100S	RMRS Salaried	Linear	96.05	Hours
Factors		108	Hours					

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE												
Resources												
	<i>Cost Element</i>			<i>Skill</i>			<i>Department</i>					
	<i>Curve</i>			<i>Quantity</i>			<i>Units</i>					
	CON	CONTINGENCY		0000	NONE		ZDEPT	No Department		Linear	1.026.35	Dollars
	<i>Factors</i> 1026.35 Dollars											

WBS No: 1EED0609
Activity ID: 1EED0609

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	412.58	Dollars
Factors 412.583 Dollars								

WBS No: 1EED08 Title: 800 Facilities Cluster Decommissioning
Activity ID: 1EED0140 Description: 800 Gen Facility Decomm Project Mamt

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E900AGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E900BGPM	Project Management	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
1PMG-1E8500GP	Type1 Bldg Project Management	23.00	msf	HC	42	965	29,276	142,929	0	172,205	10,188	182,393
1PMG-1E8640GP	Type1 Bldg Project Management	1.08	msf	HC	46	49	1,488	7,266	0	8,754	518	9,272
1PMG-1E8690GP	Type1 Bldg Project Management	0.42	msf	HC	42	18	535	2,610	0	3,145	186	3,331
1PMG-1E8910GP	Type1 Bldg Project Management	3.00	msf	HC	42	126	3,819	18,646	0	22,465	1,329	23,794
2PMG-1E8840GP	Type2 Bldg Project Management	3.22	msf	HC	111	357	10,935	55,745	0	66,679	3,805	70,484
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	181,668	181,668	0	181,668
TrlrPMGPost89-1	Trailer (89 and later) Project Management	0.72	msf	HC	8	5	124	664	0	788	43	831
TrlrPMGPost89-1	Trailer (89 and later) Project Management	1.44	msf	HC	8	11	247	1,329	0	1,576	86	1,662
TrlrPMGPost89-1	Trailer (89 and later) Project Management	0.72	msf	HC	8	5	124	664	0	788	43	831
TrlrPMGPost89-1	Trailer (89 and later) Project Management	0.72	msf	HC	8	5	124	664	0	788	43	831
TrlrPMGPost89-1	Trailer (89 and later) Project Management	2.80	msf	HC	8	21	480	2,584	0	3,064	167	3,231
TrlrPMGPost89-1	Trailer (89 and later) Project Management	0.72	msf	HC	8	5	124	664	0	788	43	831
TrlrPMGPost89-1	Trailer (89 and later) Project Management	0.77	msf	HC	8	6	132	709	0	840	46	886
TrlrPMGPost89-1	Trailer (89 and later) Project Management	2.88	msf	HC	8	22	494	2,657	0	3,152	172	3,324
TrlrPMGPost89-1	Trailer (89 and later) Project Management	15.40	msf	HC	8	116	2,643	14,209	0	16,852	920	17,772
TrlrPMGPost89-1	Trailer (89 and later) Project Management	15.40	msf	HC	8	116	2,643	14,209	0	16,852	920	17,772
TrlrPMGPre89-1E	Pre-1989 Trailer Project Management	0.72	msf	HC	16	12	368	1,874	0	2,241	128	2,369
Total for Activity 1EED0140:						1,839	53,553	267,424	181,668	502,645	18,636	521,281

Line Item 100-1E900AGPMG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
Item Desc - Decommissioning Project Management	
Breakdown of Historical Data:	
Item - Project Management	
Units - 1msf	
Unit Cost - 38.44 hrs, \$5,600 subcontracts, \$252 supplies	
Unit Cost Adjustment factor - N/A	
Revised Unit Cost - N/A	
Basis for adjustment - N/A	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	22.17	Hours
Factors	24.93	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.51	Hours	
Factors	2.82	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	6.33	Hours	
Factors	7.12	Hours	0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	3.17	Hours	
Factors	3.56	Hours	0.88934 [SYS 061400] .88934200 - System						

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	227.48	Dollars
Factors	252	Dollars	1.015	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.094.02	Dollars
Factors	5600	Dollars	1.02283	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item 100-1E900BGPMPG - Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.							
	Item Desc - Decommissioning Project Management Breakdown of Historical Data: Item - Project Management Units - lmsf Unit Cost - 38.44 hrs, \$5,600 subcontracts, \$252 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A							
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.							

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	22.17	Hours
Factors	24.93	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.51	Hours
Factors	2.82	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	6.33	Hours
Factors	7.12	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	M030	MANAGEMENT INTEGRATORS (GR	R100S	RMRS Salaried	Linear	3.17	Hours
Factors	3.56	Hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	227.48	Dollars
Factors	252	Dollars	1.015	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.094.02	Dollars
Factors	5600	Dollars	1.02283	-- FY00 Escalation --				
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item 1PMG-1E8500GPMG - Type1 Bldg Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.							
	Historical Unit Cost Data: Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00 Total Unit Cost: \$10,500.07							
	Adjusted Unit Cost: Labor Hours: 47.19181; Subcontracts: \$6,735.96; Supplies: \$252.60 Total Unit Cost: \$8,420.00							

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		20.32	Hours
Factors	28.49	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		6.90	Hours
Factors	9.67	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear		12.59	Hours
Factors	17.65	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear		2.17	Hours
Factors	3.04	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear		224.65	Dollars
Factors	315	dollars	0.81	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear		5.990.57	Dollars
Factors	8400	dollars	0.81	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	

Line Item 1PMG-1E8640GPMG - Type1 Bldg Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00 Total Unit Cost: \$10,500.07</p> <p>Adjusted Unit Cost: Labor Hours: 51.27012; Subcontracts: \$7,318.08; Supplies: \$274.43 Total Unit Cost: \$9,147.66 Adjustment Factor: 0.8712</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>									
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		22.07	Hours
Factors	28.49	hours	0.88	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		7.49	Hours
Factors	9.67	hours	0.88	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear		13.68	Hours
Factors	17.65	hours	0.88	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear		2.36	Hours
Factors	3.04	hours	0.88	Learning Curve	0.99	RSOP				
							0.88934	ISYS 0614001	88934200 - Svstem	

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	244.06	Dollars
Factors	315 dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6,508.28	Dollars
Factors	8400 dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 1PMG-1E8690GPMG - Type1 Bldg Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00 Total Unit Cost: \$10,500.07</p> <p>Adjusted Unit Cost: Labor Hours: 47.19181; Subcontracts: \$6,735.96; Supplies: \$252.60 Total Unit Cost: \$8,420.00 Adjustment Factor: 0.8019</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	20.32	Hours
Factors	28.49	hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	6.90	Hours	
Factors	9.67	hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	12.59	Hours	
Factors	17.65	hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.17	Hours	
Factors	3.04	hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	224.65	Dollars	
Factors	315 dollars	0.81	Learning Curve	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem									
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5,990.57	Dollars	
Factors	8400 dollars	0.81	Learning Curve	0.99	RSOP				
0.88934 [SYS 061400] .88934200 - Svstem									

Line Item 1PMG-1E8910GPMG - Type1 Bldg Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 58.85; Subcontracts: \$8,400.00; Supplies: \$315.00</p>							
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WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$10,500.07						
Adjusted Unit Cost:						
Labor Hours: 47.19181; Subcontracts: \$6,735.96; Supplies: \$252.60						
Total Unit Cost: \$8,420.00						
Adjustment Factor: 0.8019						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	20.32	Hours
Factors	28.49 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	6.90	Hours
Factors	9.67 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	12.59	Hours
Factors	17.65 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	2.17	Hours
Factors	3.04 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	224.65	Dollars
Factors	315 dollars	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	5.990.57	Dollars
Factors	8400 dollars	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								

Line Item 2PMG-1E8840GPMG - Type2 Bldg Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.						
Historical Unit Cost Data:						
Labor Hours: 150.01; Subcontracts: \$22,400.00; Supplies: \$1,008.00						
Total Unit Cost: \$27,999.59						
Adjusted Unit Cost:						
Labor Hours: 124.7483; Subcontracts: \$18,627.84; Supplies: \$838.25						
Total Unit Cost: \$23,284.46						
Adjustment Factor: 0.8316						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	54.80	Hours
Factors	74.09 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	16.36	Hours
Factors	22.12 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	33.95	Hours
Factors	45.9 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem								

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	5.84	Hours
Factors	7.9 hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	745.49	Dollars
Factors	1008 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	16.566.52	Dollars
Factors	22400 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	129.057.20	Dollars
	Factors 129057 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	52.611.28	Dollars
	Factors 52611.3 Dollars								

Line Item TrlrPMGPost89-1E891D - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44

Adjusted Unit Cost:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors	1.86	hours							
							0.88934 [SYS 061400] .88934200 - Svstem		
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors	5.23	hours							
							0.88934 [SYS 061400] .88934200 - Svstem		
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors	1.15	hours							
							0.88934 [SYS 061400] .88934200 - Svstem		
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors	0.2	hours							
							0.88934 [SYS 061400] .88934200 - Svstem		
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars							
							0.88934 [SYS 061400] .88934200 - Svstem		
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars							
							0.88934 [SYS 061400] .88934200 - Svstem		

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item TrlrPMGPost89-1E891E - Trailer (89 and later) Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.					
	Historical Unit Cost Data: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjusted Unit Cost: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors 1.86 hours								
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors 5.23 hours								
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors 1.15 hours								
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors 0.2 hours								
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors 37.5 dollars								
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors 1000 dollars								
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item TrlrPMGPost89-1E891F - Trailer (89 and later) Project Management

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.					
	Historical Unit Cost Data: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjusted Unit Cost: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
*

Starts In FY *

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	1.65	Hours
Factors	1.86 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	4.65	Hours
Factors	5.23 hours					
750	STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	1.02	Hours
Factors	1.15 hours					
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.18	Hours
Factors	0.2 hours					
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	33.35	Dollars
Factors	37.5 dollars					
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	889.34	Dollars
Factors	1000 dollars					
0.88934 [SYS 061400] .88934200 - System						

Line Item TrlrPMGPost89-1E891G - Trailer (89 and later) Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44</p> <p>Adjusted Unit Cost: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>					
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	1.65	Hours
Factors	1.86 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	4.65	Hours
Factors	5.23 hours					
750	STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	1.02	Hours
Factors	1.15 hours					
750	STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.18	Hours
Factors	0.2 hours					
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	33.35	Dollars
Factors	37.5 dollars					
0.88934 [SYS 061400] .88934200 - System						

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrPMGPost89-1E8910 - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44

Adjusted Unit Cost:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	1.65	Hours
Factors	1.86	hours			

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	4.65	Hours
Factors	5.23	hours			

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	M010 FOREMEN / TEAM LEADS / GROUP	R100S RMRS Salaried	Linear	1.02	Hours
Factors	1.15	hours			

0.88934 [SYS 061400] .88934200 - Svstem

750 STRAIGHT TIME BASE	M020 MANAGERS (GRADE 69 - 72)	R100S RMRS Salaried	Linear	0.18	Hours
Factors	0.2	hours			

0.88934 [SYS 061400] .88934200 - Svstem

A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars			

0.88934 [SYS 061400] .88934200 - Svstem

A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrPMGPost89-1E891P - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50
Total Unit Cost: \$1,230.44

Adjusted Unit Cost:
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$1,230.44 Adjustment Factor: 1						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors 1.86 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors 5.23 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors 1.15 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors 0.2 hours		0.88934 [SYS 061400] .88934200 - System						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors 37.5 dollars		0.88934 [SYS 061400] .88934200 - System						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors 1000 dollars		0.88934 [SYS 061400] .88934200 - System						

Line Item TrlrPMGPost89-1E891Q - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.						
Historical Unit Cost Data: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44						
Adjusted Unit Cost: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjustment Factor: 1						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors 1.86 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors 5.23 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors 1.15 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors 0.2 hours		0.88934 [SYS 061400] .88934200 - System						

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrPMGPost89-1E891R - Trailer (89 and later) Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44</p> <p>Adjusted Unit Cost: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50 Total Unit Cost: \$1,230.44 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors	1.86	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors	5.23	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors	1.15	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors	0.2	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars	0.88934 [SYS 061400] .88934200 - Svstem						
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item TrlrPMGPost89-1E893A - Trailer (89 and later) Project Management

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50</p>							
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WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total Unit Cost: \$1,230.44					
Adjusted Unit Cost:					
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50					
Total Unit Cost: \$1,230.44					
Adjustment Factor: 1					
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors	1.86	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors	5.23	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors	1.15	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors	0.2	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars						
						0.88934	ISYS 0614001	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars						
						0.88934	ISYS 0614001	.88934200 - Svstem

Line Item TrlrPMGPost89-1E893B - Trailer (89 and later) Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.					
Historical Unit Cost Data:					
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50					
Total Unit Cost: \$1,230.44					
Adjusted Unit Cost:					
Labor Hours: 8.44; Subcontracts: \$1,000.00; Supplies: \$37.50					
Total Unit Cost: \$1,230.44					
Adjustment Factor: 1					
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.65	Hours
Factors	1.86	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	4.65	Hours
Factors	5.23	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem
750	STRAIGHT TIME BASE	M010	FOREMEN / TEAM LEADS / GROUP	R100S	RMRS Salaried	Linear	1.02	Hours
Factors	1.15	hours						
						0.88934	ISYS 0614001	.88934200 - Svstem

WBS No: 1EED08
Activity ID: 1EED0140

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	M020	MANAGERS (GRADE 69 - 72)	R100S	RMRS Salaried	Linear	0.18	Hours
Factors	0.2	hours						
						0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	33.35	Dollars
Factors	37.5	dollars						
						0.88934	[SYS 061400]	.88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	889.34	Dollars
Factors	1000	dollars						
						0.88934	[SYS 061400]	.88934200 - Svstem

Line Item TrlrPMGPre89-1E891VG - Pre-1989 Trailer Project Management

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03

Adjusted Unit Cost:
Labor Hours: 18.24; Subcontracts: \$2,800.00; Supplies: \$126.00
Total Unit Cost: \$3,500.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	8.50	Hours
Factors	9.56	hours								
							0.88934	[SYS 061400]	.88934200	- Svstem
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	1.54	Hours
Factors	1.73	hours								
							0.88934	[SYS 061400]	.88934200	- Svstem
750	STRAIGHT TIME BASE		M010	FOREMEN / TEAM LEADS / GROUP		R100S	RMRS Salaried	Linear	5.27	Hours
Factors	5.93	hours								
							0.88934	[SYS 061400]	.88934200	- Svstem
750	STRAIGHT TIME BASE		M020	MANAGERS (GRADE 69 - 72)		R100S	RMRS Salaried	Linear	0.91	Hours
Factors	1.02	hours								
							0.88934	[SYS 061400]	.88934200	- Svstem
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	112.06	Dollars
Factors	126	dollars								
							0.88934	[SYS 061400]	.88934200	- Svstem
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	2,490.16	Dollars
Factors	2800	dollars								
							0.88934	[SYS 061400]	.88934200	- Svstem

Activity ID: 1EED0145

Description: 800 Gen Facility Decomm Support Services

Cost Risk 1 Schedule Risk 1

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100-1E900AHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
100-1E900BHSU	Support Services	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
1SUS-1E8500HS	Type1 Bldg Support Services	32.45	msf	HC	56	1.833	34.423	127.564	0	161.987	11.979	173.967
1SUS-1E8640HS	Type1 Bldg Support Services	1.13	msf	HC	61	69	1.300	4.817	0	6.117	452	6.569

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

1SUS-1E8690HS	Type1 Bldg Support Services	0.42	msf	HC	56	24	446	1.651	0	2.097	155	2.252
1SUS-1E8910HS	Type1 Bldg Support Services	3.00	msf	HC	56	169	3.183	11.794	0	14.977	1.108	16.084
2SUS-1E8840HS	Type2 Bldg Support Services	3.22	msf	HC	210	677	12.825	51.118	0	63.942	4.463	68.405
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	176.481	176.481	0	176.481
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	0.72	msf	HC	15	11	204	756	0	960	71	1.032
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	1.44	msf	HC	15	22	408	1.513	0	1.921	142	2.063
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	0.72	msf	HC	15	11	204	756	0	960	71	1.032
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	0.72	msf	HC	15	11	204	756	0	960	71	1.032
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	2.80	msf	HC	15	43	794	2.941	0	3.735	276	4.011
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	0.72	msf	HC	15	11	204	756	0	960	71	1.032
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	0.77	msf	HC	15	12	218	807	0	1.025	76	1.100
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	2.88	msf	HC	15	44	816	3.026	0	3.842	284	4.126
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	15.40	msf	HC	15	237	4.365	16.178	0	20.544	1.519	22.063
TrlrSUSPost89-1E	Trailer (89 and later) Support Services	15.40	msf	HC	15	237	4.365	16.178	0	20.544	1.519	22.063
TrlrSUSPre89-1E	Pre-1989 Trailer Support Services	0.72	msf	HC	32	23	591	2.291	0	2.881	206	3.087
Total for Activity 1EED0145:						3.436	64.549	242.903	176.481	483.933	22.463	506.396

Line Item 100-1E900AHSUS - Support Services

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Decommissioning Support Services Breakdown of Historical Data: Item - Support Services Units - lmsf Unit Cost - 35.63 hrs, \$3,375 subcontracts, \$202.50 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	1.72	Hours
Factors	1.93	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.57	Hours
Factors	2.89	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	12.86	Hours
Factors	14.46	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	12.35	Hours
Factors	13.89	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried	Linear	2.18	Hours
Factors	2.45	Hours		0.88934 [SYS 061400] .88934200 - Svstem							
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	182.79	Dollars
Factors	202.5	Dollars		1.015 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem					
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	3,070.05	Dollars
Factors	3375	Dollars		1.02283 -- FY00 Escalation --		0.88934 [SYS 061400] .88934200 - Svstem					

Line Item 100-1E900BHSUS - Support Services

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of											
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WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Support Services
Breakdown of Historical Data:
Item - Support Services
Units - lmsf
Unit Cost - 35.63 hrs, \$3,375 subcontracts, \$202.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	1.72	Hours
Factors	1.93	Hours						
							0.88934	[SYS 061400] .88934200 - System
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.57	Hours
Factors	2.89	Hours						
							0.88934	[SYS 061400] .88934200 - System
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	12.86	Hours
Factors	14.46	Hours						
							0.88934	[SYS 061400] .88934200 - System
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	12.35	Hours
Factors	13.89	Hours						
							0.88934	[SYS 061400] .88934200 - System
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	2.18	Hours
Factors	2.45	Hours						
							0.88934	[SYS 061400] .88934200 - System
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	182.79	Dollars
Factors	202.5	Dollars	1.015	-- FY00 Escalation --				
							0.88934	[SYS 061400] .88934200 - System
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.070.05	Dollars
Factors	3375	Dollars	1.02283	-- FY00 Escalation --				
							0.88934	[SYS 061400] .88934200 - System

Line Item 1SUS-1E8500HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.20999; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 63.5185; Subcontracts: \$4,209.98; Supplies: \$210.50
Total Unit Cost: \$5,613.33
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.43	Hours
Factors	0.6	hours	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	3.91	Hours
Factors	5.48	hours	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	46.68	Hours
Factors	65.46	hours	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	5.47	Hours
Factors	7.67	hours	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	187.21	Dollars
Factors	262.5	dollars	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,744.11	Dollars
Factors	5250	dollars	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item 1SUS-1E8640HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.21; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 69.00775; Subcontracts: \$4,573.80; Supplies: \$228.69
Total Unit Cost: \$6,098.43
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.46	Hours
Factors	0.6	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	4.25	Hours
Factors	5.48	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	50.72	Hours
Factors	65.46	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	5.94	Hours
Factors	7.67	hours	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	203.38	Dollars
Factors	262.5	dollars	0.88	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Svstem								

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project
WBS Filter
Activity Filter
Baseline Devl
1EED
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Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	4.067.67	Dollars
Factors	5250 dollars	0.88	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 1SUS-1E8690HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.20999; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 63.5185; Subcontracts: \$4,209.98; Supplies: \$210.50
Total Unit Cost: \$5,613.33
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.43	Hours
Factors	0.6 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	3.91	Hours
Factors	5.48 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	46.68	Hours
Factors	65.46 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	5.47	Hours
Factors	7.67 hours	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	187.21	Dollars
Factors	262.5 dollars	0.81	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.744.11	Dollars
Factors	5250 dollars	0.81	Learning Curve	0.99	RSOP			

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 1SUS-1E8910HSUS - Type1 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 79.20999; Subcontracts: \$5,250.00; Supplies: \$262.50
Total Unit Cost: \$7,000.04

Adjusted Unit Cost:
Labor Hours: 63.5185; Subcontracts: \$4,209.98; Supplies: \$210.50

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$5,613.33 Adjustment Factor: 0.8019						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear		0.43	Hours
Factors	0.6 hours		0.81 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		3.91	Hours
Factors	5.48 hours		0.81 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		46.68	Hours
Factors	65.46 hours		0.81 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear		5.47	Hours
Factors	7.67 hours		0.81 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear		187.21	Dollars
Factors	262.5 dollars		0.81 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear		3,744.11	Dollars
Factors	5250 dollars		0.81 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									

Line Item 2SUS-1E8840HSUS - Type2 Bldg Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
Historical Unit Cost Data: Labor Hours: 284.17; Subcontracts: \$20,250.00; Supplies: \$1,215.00 Total Unit Cost: \$26,850.28									
Adjusted Unit Cost: Labor Hours: 236.3158; Subcontracts: \$16,839.90; Supplies: \$1,010.39 Total Unit Cost: \$22,328.69 Adjustment Factor: 0.8316									
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear		2.11	Hours
Factors	2.85 hours		0.84 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear		16.15	Hours
Factors	21.84 hours		0.84 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear		171.77	Hours
Factors	232.26 hours		0.84 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear		20.13	Hours
Factors	27.22 hours		0.84 Learning Curve		0.99 RSOP				
0.88934 [SYS 061400] .88934200 - System									

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	898.59	Dollars
Factors	1215 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - System								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	14.976.43	Dollars
Factors	20250 dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - System								

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	125.372.00	Dollars
Factors	125372 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	51.109.00	Dollars
Factors	51109 Dollars							

Line Item TrlrSUSPost89-1E891D - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98

Adjusted Unit Cost:
Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors	0.09 hours							
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors	0.84 hours							
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors	14.68 hours							
0.88934 [SYS 061400] .88934200 - System								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors	1.72 hours							
0.88934 [SYS 061400] .88934200 - System								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25 dollars							
0.88934 [SYS 061400] .88934200 - System								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.000.51	Dollars
Factors	1125 dollars							
0.88934 [SYS 061400] .88934200 - System								

Line Item TrlrSUSPost89-1E891E - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98

Adjusted Unit Cost:

Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors 0.09 hours								
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors 0.84 hours								
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors 14.68 hours								
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors 1.72 hours								
0.88934 [SYS 061400] .88934200 - Ssystem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors 56.25 dollars								
0.88934 [SYS 061400] .88934200 - Ssystem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors 1125 dollars								
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item TrlrSUSPost89-1E891F - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98

Adjusted Unit Cost:

Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
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WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors	0.09	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors	0.84	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors	14.68	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors	1.72	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								

Line Item TrlrSUSPost89-1E891G - Trailer (89 and later) Support Services

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98</p> <p>Adjusted Unit Cost: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors	0.09	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors	0.84	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors	14.68	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors	1.72	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25	dollars	0.88934 [SYS 061400] .88934200 - Svstem						

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrSUSPost89-1E891O - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98

Adjusted Unit Cost:
Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors	0.09	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors	0.84	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors	14.68	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors	1.72	hours						
0.88934 [SYS 061400] .88934200 - Svstem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25	dollars						
0.88934 [SYS 061400] .88934200 - Svstem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrSUSPost89-1E891P - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25
Total Unit Cost: \$1,499.98

Adjusted Unit Cost:
Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$1,499.98 Adjustment Factor: 1						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors 0.09 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors 0.84 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors 14.68 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors 1.72 hours		0.88934 [SYS 061400] .88934200 - System						
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors 56.25 dollars		0.88934 [SYS 061400] .88934200 - System						
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors 1125 dollars		0.88934 [SYS 061400] .88934200 - System						

Line Item TrlrSUSPost89-1E891Q - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.						
Historical Unit Cost Data: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98						
Adjusted Unit Cost: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98 Adjustment Factor: 1						
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.						

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors 0.09 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors 0.84 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors 14.68 hours		0.88934 [SYS 061400] .88934200 - System						
750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors 1.72 hours		0.88934 [SYS 061400] .88934200 - System						

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Line Item TrlrSUSPost89-1E891R - Trailer (89 and later) Support Services

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98</p> <p>Adjusted Unit Cost: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>							
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E120	SAFETY ENGINEERS	R100S	RMRS Salaried	Linear	0.08	Hours
Factors	0.09	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.75	Hours
Factors	0.84	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	13.06	Hours
Factors	14.68	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors	1.72	hours	0.88934 [SYS 061400] .88934200 - Svstem						
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25	dollars	0.88934 [SYS 061400] .88934200 - Svstem						
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125	dollars	0.88934 [SYS 061400] .88934200 - Svstem						

Line Item TrlrSUSPost89-1E893A - Trailer (89 and later) Support Services

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25</p>							
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WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total Unit Cost: \$1,499.98
Adjusted Unit Cost: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98 Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	R100S RMRS Salaried	Linear	0.08	Hours
Factors	0.09 hours					
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	0.75	Hours
Factors	0.84 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	13.06	Hours
Factors	14.68 hours					
750	STRAIGHT TIME BASE	P150 TRAINERS	R100S RMRS Salaried	Linear	1.53	Hours
Factors	1.72 hours					
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	50.03	Dollars
Factors	56.25 dollars					
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125 dollars					
					0.88934 [SYS 061400] .88934200 - Svstem	

Line Item TrlrSUSPost89-1E893B - Trailer (89 and later) Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
Historical Unit Cost Data: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98
Adjusted Unit Cost: Labor Hours: 17.33; Subcontracts: \$1,125.00; Supplies: \$56.25 Total Unit Cost: \$1,499.98 Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E120 SAFETY ENGINEERS	R100S RMRS Salaried	Linear	0.08	Hours
Factors	0.09 hours					
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	0.75	Hours
Factors	0.84 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	13.06	Hours
Factors	14.68 hours					
					0.88934 [SYS 061400] .88934200 - Svstem	

WBS No: 1EED08
Activity ID: 1EED0145

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

750	STRAIGHT TIME BASE	P150	TRAINERS	R100S	RMRS Salaried	Linear	1.53	Hours
Factors	1.72	hours						
						0.88934	[SYS 061400]	.88934200 - Ssystem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	50.03	Dollars
Factors	56.25	dollars						
						0.88934	[SYS 061400]	.88934200 - Ssystem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,000.51	Dollars
Factors	1125	dollars						
						0.88934	[SYS 061400]	.88934200 - Ssystem

Line Item TrlrSUSPre89-1E891VH - Pre-1989 Trailer Support Services

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77

Adjusted Unit Cost:
Labor Hours: 36.2; Subcontracts: \$3,375.00; Supplies: \$202.50
Total Unit Cost: \$4,499.77
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units	
750	STRAIGHT TIME BASE		E120	SAFETY ENGINEERS		R100S	RMRS Salaried	Linear	1.50	Hours
Factors	1.69	hours	0.88934 [SYS 061400] .88934200 - Ssystem							
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	13.81	Hours
Factors	15.53	hours	0.88934 [SYS 061400] .88934200 - Ssystem							
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	15.11	Hours
Factors	16.99	hours	0.88934 [SYS 061400] .88934200 - Ssystem							
750	STRAIGHT TIME BASE		P150	TRAINERS		R100S	RMRS Salaried	Linear	1.77	Hours
Factors	1.99	hours	0.88934 [SYS 061400] .88934200 - Ssystem							
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	180.09	Dollars
Factors	202.5	dollars	0.88934 [SYS 061400] .88934200 - Ssystem							
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	3,001.53	Dollars
Factors	3375	dollars	0.88934 [SYS 061400] .88934200 - Ssystem							

WBS No: 1EED0801 Title: B-850 Decommissioning
Activity ID: 1EED8011 Description: B850 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	23.00	msf	HC	21	494	13,941	68,062	0	82,002	4,851	86,853
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	46,460	46,460	0	46,460
Total for Activity 1EED8011:						494	13,941	68,062	46,460	128,463	4,851	133,314

WBS No: 1EED0801
Activity ID: 1EED8011

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											
	Historical Unit Cost Data: Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00 Total Unit Cost: \$5,000.02											
	Adjusted Unit Cost: Labor Hours: 24.14521; Subcontracts: \$3,207.60; Supplies: \$120.29 Total Unit Cost: \$4,009.51 Adjustment Factor: 0.8019											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750		STRAIGHT TIME BASE		E130 OTHER ENGINEERS		R100S RMRS Salaried		Linear	14.18	Hours
Factors		19.88	hours	0.81	Learning Curve	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem										
750		STRAIGHT TIME BASE		G010 ADMINISTRATIVE ASSISTANTS		R100S RMRS Salaried		Linear	7.30	Hours
Factors		10.23	hours	0.81	Learning Curve	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem										
A5C		SUPPLIES		0000 NONE		R100S RMRS Salaried		Linear	106.97	Dollars
Factors		150	Dollars	0.81	Learning Curve	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem										
A5H		SUBCONTRACTED SRVS		0000 NONE		R100S RMRS Salaried		Linear	2.852.65	Dollars
Factors		4000	Dollars	0.81	Learning Curve	0.99	RSOP			
0.88934 ISYS 0614001.88934200 - Svstem										

Line Item SYS - Contingency And Escalation

Resources	CON		CONTINGENCY		0000 NONE		ZDEPT No Department		Linear	33.005.43	Dollars
	Factors		33005.4	Dollars							
	ESC		ESCALATION		0000 NONE		ZDEPT No Department		Linear	13.454.95	Dollars
	Factors		13455	Dollars							

Activity ID: 1EED8012 Description: B850 Decommissioning Characterization

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	23.00	msf	HC	15	346	7.495	27.768	0	35.263	2.608	37.871
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	20.258	20.258	0	20.258
Total for Activity 1EED8012:						346	7.495	27.768	20.258	55.521	2.608	58.129

Line Item 1CHR - Type1 Bldg Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											

WBS No: 1EED0801
Activity ID: 1EED8012

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data:
Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63
Total Unit Cost: \$2,150.12

Adjusted Unit Cost:
Labor Hours: 16.89603; Subcontracts: \$1,293.06; Supplies: \$64.66
Total Unit Cost: \$1,724.18
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.05Hours
Factors	1.47	Hours	0.81	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svsstem							
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	13.98Hours
Factors	19.6	hours	0.81	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svsstem							
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	57.50Dollars
Factors	80.63	dollars	0.81	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svsstem							
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.149.98Dollars
Factors	1612.5	dollars	0.81	Learning Curve	0.99	RSOP	
0.88934 [SYS 061400] .88934200 - Svsstem							

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	14.391.45Dollars
Factors	14391.5	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	5.866.80Dollars
Factors	5866.8	Dollars					

Activity ID: 1EED8013 Description: B850 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	35.98	msf	HC	55	1.974	41.892	442.559	0	484.451	14.578	499.029
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	269.618	269.618	0	269.618
Total for Activity 1EED8013:						1.974	41.892	442.559	269.618	754.069	14.578	768.647

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 76.93; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:
Labor Hours: 61.69017; Subcontracts: \$13,604.23; Supplies: \$226.74
Total Unit Cost: \$15,140.18
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0801
Activity ID: 1EED8013

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources			Cost Element	Skill	Department	Curve	Quantity	Units
			750 STRAIGHT TIME BASE	C120 D&D SKILLED TRADES	KE10H Indust/Site Svcs Steelworkers	Linear	52.86	Hours
Factors			74.12 hours	0.81 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - System		
			750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	2.00	Hours
Factors			2.81 hours	0.81 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - System		
			A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	12,098.82	Dollars
Factors			16965 dollars	0.81 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - System		
			A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	201.65	Dollars
Factors			282.75 dollars	0.81 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

Resources			Cost Element	Skill	Department	Curve	Quantity	Units
			CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	192,310.60	Dollars
Factors			192311 Dollars					
			ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	77,307.30	Dollars
Factors			77307.3 Dollars					

Activity ID: 1EED8014 Description: B850 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECNoAsb	Type1 Bldg w/o Asbestos Decontamination	35.98	msf	HC	8	298	6,337	66,912	0	73,249	2,205	75,455
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	40,767	40,767	0	40,767
Total for Activity 1EED8014:						298	6,337	66,912	40,767	114,016	2,205	116,222

Line Item 1DECNoAsb - Type1 Bldg w/o Asbestos Decontamination

BOE Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 11.63; Subcontracts: \$2,565.00; Supplies: \$42.75 Total Unit Cost: \$2,854.73 Adjusted Unit Cost: Labor Hours: 9.326097; Subcontracts: \$2,056.87; Supplies: \$34.28 Total Unit Cost: \$2,289.20 Adjustment Factor: 0.8019 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources			Cost Element	Skill	Department	Curve	Quantity	Units
			750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	0.30	Hours
Factors			0.42 hours	0.81 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - System		
			750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KE10H Indust/Site Svcs Steelworkers	Linear	7.99	Hours
Factors			11.21 hours	0.81 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - System		

WBS No: 1EED0801
Activity ID: 1EED8014

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	1.829.26	Dollars
Factors	2565 dollars	0.81	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	30.49	Dollars
Factors	42.75 dollars	0.81	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	29.077.9	Dollars
Factors	29077.9 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	11.689.08	Dollars
Factors	11689.1 Dollars				

Activity ID: 1EED8015 Description: B850 Decommissioning Final Surveys

Cost Risk 2 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	39.89	msf	HC	0	0	0	120.916	0	120.916	0	120.916
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	65.329	65.329	0	65.329
Total for Activity 1EED8015:						0	0	120.916	65.329	186.246	0	186.246

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00
Total Unit Cost: \$4,250.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$3,408.07; Supplies: \$0.00
Total Unit Cost: \$3,408.07
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	3.030.94	Dollars
Factors	4250 dollars	0.81 Learning Curve	0.99 RSOP		

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	46.597.54	Dollars
Factors	46597.5 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	18.731.83	Dollars
Factors	18731.8 Dollars				

Activity ID: 1EED8016 Description: B850 Decommissioning Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMMod	Type 1 Modular Demolition	39.89	msf	HC	0	0	0	338.566	0	338.566	0	338.566

WBS No: 1EED0801
Activity ID: 1EED8016

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

1DEMSlabMod	Type 1 Bldg Demolition Slab/Foundation	20.04	msf	HC	0	0	0	261.072	0	261.072	0	261.072
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	463.178	463.178	0	463.178
Total for Activity 1EED8016:					0	0	0	599.638	463.178	1.062.817	0	1.062.817

Line Item 1DEMMod - Type 1 Modular Demolition

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$11,900.00; Supplies: \$0.00 Total Unit Cost: \$11,900.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$9,542.61; Supplies: \$0.00 Total Unit Cost: \$9,542.61 Adjustment Factor: 0.8019</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	8.486.64	Dollars		
Factors	11900 dollars	0.81	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200	- Svstem		

Line Item 1DEMSlabMod - Type 1 Bldg Demolition Slab/Foundation

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.028.86	Dollars		
Factors	14650 dollars	0.88934	[SYS 061400] .88934200	- Svstem						

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	334.331.40	Dollars
	Factors 334331 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	128.846.70	Dollars
	Factors 128847 Dollars									

WBS No: 1EED0802
Activity ID: 1E8640APEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

WBS No: 1EED0802	Title: B-864 Decommissioning
Activity ID: 1E8640APEN	Description: B864 Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	1.08	msf	HC	23	25	709	3,460	0	4,169	247	4,415
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,362	2,362	0	2,362
Total for Activity 1E8640APEN:						25	709	3,460	2,362	6,530	247	6,777

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00 Total Unit Cost: \$5,000.02</p> <p>Adjusted Unit Cost: Labor Hours: 26.23183; Subcontracts: \$3,484.80; Supplies: \$130.68 Total Unit Cost: \$4,356.01 Adjustment Factor: 0.8712</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.40	Hours
Factors	19.88	hours		0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.93	Hours	
Factors	10.23	hours		0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	116.22	Dollars	
Factors	150	Dollars		0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	3.099	Dollars	
Factors	4000	Dollars		0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	1,677.80	Dollars
	Factors 1677.80 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	683.97	Dollars
	Factors 683.97 Dollars									

Activity ID: 1E8640BCHR	Description: B864 Decommissioning Characterization
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Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	1.08	msf	HC	16	18	381	1,412	0	1,793	133	1,925
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1,030	1,030	0	1,030
Total for Activity 1E8640BCHR:						18	381	1,412	1,030	2,822	133	2,955

Line Item 1CHR - Type1 Bldg Characterization

BOE												
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WBS No: 1EED0802
Activity ID: 1E8640BCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63
Total Unit Cost: \$2,150.12

Adjusted Unit Cost:

Labor Hours: 18.35619; Subcontracts: \$1,404.81; Supplies: \$70.24
Total Unit Cost: \$1,873.18
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.14	Hours
Factors	1.47 Hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	15.19	Hours
Factors	19.6 hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	62.47	Dollars
Factors	80.63 dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,249.36	Dollars
Factors	1612.5 dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	731.58	Dollars
Factors	731.577 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	298.23	Dollars
Factors	298.234 Dollars							

Activity ID: 1E8640CSPR Description: B864 Decommissioning Final Surveys

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	1.16	msf	HC	0	0	0	3.820	0	3.820	0	3.820
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	1.16	msf	HC	0	0	0	15.054	0	15.054	0	15.054
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	10.096	10.096	0	10.096
Total for Activity 1E8640CSPR:						0	0	18.874	10.096	28.970	0	28.970

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

WBS No: 1EED0802
Activity ID: 1E8640CSPR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00
Total Unit Cost: \$4,250.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$3,702.60; Supplies: \$0.00
Total Unit Cost: \$3,702.60
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	3.292.88	Dollars
Factors	4250	dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.								
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00 Total Unit Cost: \$16,750.00								
	Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,592.60; Supplies: \$0.00 Total Unit Cost: \$14,592.60 Adjustment Factor: 0.8712								
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.								

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	12.977.81	Dollars
Factors	16750	dollars	0.88	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Svsstem									

Line Item SYS - Contingency And Escalation

BOE									
Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	7.172.36	Dollars
Factors	7172.36	Dollars							
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	2.923.88	Dollars
Factors	2923.88	Dollars							

Activity ID: 1E8640DDEC Description: B864 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECAsb	Type 1 Bldg w/ Asbestos Decontamination	1.14	msf	HC	101	115	2.447	25.826	0	28.273	852	29.125
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	15.736	15.736	0	15.736
Total for Activity 1E8640DDEC:						115	2.447	25.826	15.736	44.009	852	44.860

Line Item 1DECAsb - Type 1 Bldg w/ Asbestos Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster,											
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WBS No: 1EED0802
Activity ID: 1E8640DDEC

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 129.99; Subcontracts: \$28,665.00; Supplies: \$478.00
Total Unit Cost: \$31,904.22

Adjusted Unit Cost:

Labor Hours: 113.2473; Subcontracts: \$24,972.95; Supplies: \$416.43
Total Unit Cost: \$27,794.96
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	3.68	Hours
Factors	4.75 hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	97.04	Hours
Factors	125.24 hours	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	22.209.49	Dollars
Factors	28665 dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	370.35	Dollars
Factors	478 dollars	0.88	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	11.223.76	Dollars
Factors	11223.8 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4.511.86	Dollars
Factors	4511.86 Dollars							

Activity ID: 1E8640EDIS Description: B864 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	1.14	msf	HC	60	68	1.447	15.285	0	16.732	503	17.235
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.312	9.312	0	9.312
Total for Activity 1E8640EDIS:						68	1.447	15.285	9.312	26.043	503	26.547

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 76.93; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:

Labor Hours: 67.02142; Subcontracts: \$14,779.91; Supplies: \$246.33
Total Unit Cost: \$16,448.59

WBS No: 1EED0802
Activity ID: 1E8640EDIS

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs	Steelworkers	Linear	57.43	Hours
Factors	74.12	hours		0.88	Learning Curve	0.99	RSOP			
								0.88934	[SYS 061400]	.88934200 - Svstem
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried			Linear	2.18	Hours
Factors	2.81	hours		0.88	Learning Curve	0.99	RSOP			
								0.88934	[SYS 061400]	.88934200 - Svstem
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried			Linear	13.144.39	Dollars
Factors	16965	dollars		0.88	Learning Curve	0.99	RSOP			
								0.88934	[SYS 061400]	.88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried			Linear	219.07	Dollars
Factors	282.75	dollars		0.88	Learning Curve	0.99	RSOP			
								0.88934	[SYS 061400]	.88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department		Linear	6.641.87	Dollars
Factors	6641.87	Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department			Linear	2.669.98	Dollars
Factors	2669.98	Dollars								

Activity ID: 1E8640FDEM Description: B864 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	1.16	msf	HC	0	0	0	14.290	0	14.290	0	14.290
1DEMSlabBlk	Type 1 Bldg Demolition Slab/Foundation	1.06	msf	HC	0	0	0	13.758	0	13.758	0	13.758
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	15.154	15.154	0	15.154
Total for Activity 1E8640FDEM:						0	0	28.049	15.154	43.203	0	43.203

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00
Total Unit Cost: \$15,900.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$13,852.08; Supplies: \$0.00
Total Unit Cost: \$13,852.08
Adjustment Factor: 0.8712

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried		Linear	12.319.24	Dollars
Factors	15900	dollars		0.88	Learning Curve	0.99	RSOP			
								0.88934	[SYS 061400]	.88934200 - Svstem

WBS No: 1EED0802
Activity ID: 1E8640FDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 1DEMSlabBlk - Type 1 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	13.028.86	Dollars		
Factors 14650 dollars										

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	10.809.15	Dollars
	Factors 10809.2 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	4.345.19	Dollars
	Factors 4345.19 Dollars									

WBS No:	1EED0803	Title:	B-869 Decommissioning
Activity ID:	1E8690APEN	Description:	B869 Decommissioning Planning & Engineering

Line Item		Description		Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost
1PEN	Type1 Bldg Planning & Engineering	0.42	msf	HC	21		9	255	1.243	0	1.498	89	1.586
SYS	Contingency And Escalation	1.00	ea	EE	0		0	0	0	818	818	0	818
Total for Activity 1E8690APEN:								9	255	1.243	818	2.316	89

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											
	Historical Unit Cost Data: Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00 Total Unit Cost: \$5,000.02 Adjusted Unit Cost: Labor Hours: 24.14521; Subcontracts: \$3,207.60; Supplies: \$120.29 Total Unit Cost: \$4,009.51 Adjustment Factor: 0.8019 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

WBS No: 1EED0803
Activity ID: 1E8690APEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	14.18	Hours	
Factors	19.88	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	[SYS 061400]	88934200 - System	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.30	Hours		
Factors	10.23	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	[SYS 061400]	88934200 - System	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	106.97	Dollars		
Factors	150	Dollars	0.81	Learning Curve	0.99	RSOP				
							0.88934	[SYS 061400]	88934200 - System	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	2,852.65	Dollars		
Factors	4000	Dollars	0.81	Learning Curve	0.99	RSOP				
							0.88934	[SYS 061400]	88934200 - System	

Line Item SYS - Contingency And Escalation

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	565.29	Dollars	
Factors	565.288	Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	252.97	Dollars		
Factors	252.974	Dollars								

Activity ID: 1E8690BCHR Description: B869 Decommissioning Characterization

		Cost Risk		Schedule Risk								
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	0.42	msf	HC	15	6	137	507	0	644	48	692
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	370	370	0	370
Total for Activity 1E8690BCHR:						6	137	507	370	1,014	48	1,062

Line Item 1CHR - Type1 Bldg Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63 Total Unit Cost: \$2,150.12 Adjusted Unit Cost: Labor Hours: 16.89603; Subcontracts: \$1,293.06; Supplies: \$64.66 Total Unit Cost: \$1,724.18 Adjustment Factor: 0.8019 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.05	Hours	
Factors	1.47	Hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	[SYS 061400]	88934200 - System	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	13.98	Hours		
Factors	19.6	hours	0.81	Learning Curve	0.99	RSOP				
							0.88934	[SYS 061400]	88934200 - System	

WBS No: 1EED0803
Activity ID: 1E8690BCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	57.50	Dollars
Factors	80.63 dollars	0.81	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.149.98	Dollars
Factors	1612.5 dollars	0.81	Learning Curve	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Ssystem		

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	262.84	Dollars
Factors	262.838 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	107.15	Dollars
Factors	107.148 Dollars				

Activity ID: 1E8690FDEM Description: B869 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk	Type 1 Masonry Demolition	0.42	msf	HC	0	0	0	4.763	0	4.763	0	4.763
1DEMslabBlk	Type 1 Bldg Demolition Slab/Foundation	0.42	msf	HC	0	0	0	5.472	0	5.472	0	5.472
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	8.781	8.781	0	8.781
Total for Activity 1E8690FDEM:						0	0	10.235	8.781	19.015	0	19.015

Line Item 1DEMBlk - Type 1 Masonry Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00
Total Unit Cost: \$15,900.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$12,750.21; Supplies: \$0.00
Total Unit Cost: \$12,750.21
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	11.339.30	Dollars
Factors	15900 dollars	0.81 Learning Curve	0.99 RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem					

Line Item 1DEMslabBlk - Type 1 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00
Total Unit Cost: \$14,650.00

WBS No: 1EED0803
Activity ID: 1E8690FDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00
Total Unit Cost: \$14,650.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B		CONSTRUCTION		0000 NONE		R100S RMRS Salaried		Linear	13.028.86	Dollars
Factors		14650 dollars								

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON		CONTINGENCY		0000 NONE		ZDEPT No Department		Linear	6.497.81	Dollars
Factors		6497.81 Dollars								
ESC		ESCALATION		0000 NONE		ZDEPT No Department		Linear	2.282.83	Dollars
Factors		2282.84 Dollars								

Activity ID: 1EED8033 Description: B-869 Dismantlement

Cost Risk 3 Schedule Risk 3

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.42	msf	HC	55	23	489	5.166	0	5.655	170	5.825
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	3.049	3.049	0	3.049
Total for Activity 1EED8033:						23	489	5.166	3.049	8.704	170	8.874

Line Item 1DIS - Type1 Bldg Dismantlement

BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.										
		Historical Unit Cost Data: Labor Hours: 76.93; Subcontracts: \$16,965.00; Supplies: \$282.75 Total Unit Cost: \$18,880.39										
		Adjusted Unit Cost: Labor Hours: 61.69017; Subcontracts: \$13,604.23; Supplies: \$226.74 Total Unit Cost: \$15,140.18 Adjustment Factor: 0.8019										
		This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.										

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES	KE10H	Indust/Site Srvs Steelworkers	Linear	52.86	Hours
Factors	74.12	hours		0.81	Learning Curve		0.99	RSOP		
								0.88934	[SYS 061400] .88934200 - System	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.00	Hours
Factors	2.81	hours		0.81	Learning Curve		0.99	RSOP		
								0.88934	[SYS 061400] .88934200 - System	
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	12.098.82	Dollars
Factors	16965	dollars		0.81	Learning Curve		0.99	RSOP		
								0.88934	[SYS 061400] .88934200 - System	

WBS No: 1EED0803
Activity ID: 1EED8033

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	201.65	Dollars
Factors	282.75	dollars	0.81	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	2,124.92	Dollars
Factors	2124.92	Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	923.90	Dollars
Factors	923.899	Dollars						

WBS No: 1EED0804 Title: B-884 Decommissioning

Activity ID: 1EED8041 Description: 884 Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2PEN	Type2 Bldg Planning & Engineering	3.22	msf	HC	47	152	4,101	20,904	0	25,005	1,427	26,432
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	14,139	14,139	0	14,139
Total for Activity 1EED8041:						152	4,101	20,904	14,139	39,144	1,427	40,571

Line Item 2PEN - Type2 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 63.67; Subcontracts: \$8,400.00; Supplies: \$378.00
Total Unit Cost: \$10,499.96

Adjusted Unit Cost:
Labor Hours: 52.94798; Subcontracts: \$6,985.44; Supplies: \$314.34
Total Unit Cost: \$8,731.77
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	27.92	Hours
Factors	37.75	hours	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	19.17	Hours
Factors	25.92	hours	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	279.56	Dollars
Factors	378	dollars	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	6,212.44	Dollars
Factors	8400	dollars	0.84	Learning Curve	0.99	RSOP		
0.88934 [SYS 061400] .88934200 - Ssystem								

Line Item SYS - Contingency And Escalation

BOE

Resources

	Cost Element		Skill		Department	Curve	Quantity	Units
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WBS No: 1EED0804
Activity ID: 1EED8041

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	10.044.51	Dollars
Factors 10044.5 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	4.094.73	Dollars
Factors 4094.73 Dollars								

Activity ID: 1EED8042 Description: 884 Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2CHR	Type2 Bldg Characterization	3.22	msf	HC	70	224	4.921	15.083	0	20.004	1.713	21.717
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.617	11.617	0	11.617
Total for Activity 1EED8042:						224	4.921	15.083	11.617	31.621	1.713	33.334

Line Item 2CHR - Type2 Bldg Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 94.09999; Subcontracts: \$5,880.00; Supplies: \$453.60 Total Unit Cost: \$8,400.05 Adjusted Unit Cost: Labor Hours: 78.25356; Subcontracts: \$4,889.81; Supplies: \$377.21 Total Unit Cost: \$6,985.48 Adjustment Factor: 0.8316 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	6.26
Factors	8.46 hours	0.84 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem		
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	63.34
Factors	85.64 hours	0.84 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem		
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	335.47
Factors	453.6 dollars	0.84 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem		
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	4.348.71
Factors	5880 dollars	0.84 Learning Curve	0.99 RSOP	0.88934 [SYS 061400] .88934200 - Svsstem		

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	8.252.63	Dollars
	Factors 8252.63 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	3.364.26	Dollars
	Factors 3364.26 Dollars									

Activity ID: 1EED8043 Description: 884 Decommissioning Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DIS	Type2 Bldg Dismantlement	3.22	msf	HC	199	640	13.933	155.982	0	169.916	4.849	174.764
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	94.423	94.423	0	94.423

WBS No: 1EED0804
Activity ID: 1EED8043

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total for Activity 1EED8043:

640	13.933	155.982	94.423	264.338	4.849	269.187
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Line Item 2DIS - Type2 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 268.89; Subcontracts: \$64,215.00; Supplies: \$1,284.30
Total Unit Cost: \$71,350.00

Adjusted Unit Cost:

Labor Hours: 223.6089; Subcontracts: \$53,401.19; Supplies: \$1,068.02
Total Unit Cost: \$59,334.66
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	183.69	Hours
Factors	248.37 hours	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001.88934200 - Svstem	
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	15.18	Hours
Factors	20.52 hours	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001.88934200 - Svstem	
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	47.491.92	Dollars
Factors	64215 dollars	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001.88934200 - Svstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	949.84	Dollars
Factors	1284.3 dollars	0.84	Learning Curve	0.99	RSOP			
						0.88934	ISYS 0614001.88934200 - Svstem	

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	67.348.84	Dollars
Factors	67348.8 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	27.073.69	Dollars
Factors	27073.7 Dollars							

Activity ID: 1EED8044

Description: 884 Decommissioning Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DECAsb	Type2 Bldg w/Asbestos Decontamination	3.22	msf	HC	91	294	6.708	75.095	0	81.802	2.334	84.137
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	45.458	45.458	0	45.458
Total for Activity 1EED8044:						294	6.708	75.095	45.458	127.260	2.334	129.595

Line Item 2DECAsb - Type2 Bldg w/Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS

WBS No: 1EED0804
Activity ID: 1EED8044

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 123.46; Subcontracts: \$30,915.00; Supplies: \$618.30
Total Unit Cost: \$34,350.02

Adjusted Unit Cost:

Labor Hours: 102.6693; Subcontracts: \$25,708.91; Supplies: \$514.18
Total Unit Cost: \$28,565.48
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	14.01	Hours
Factors	18.94	dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	77.30	Hours
Factors	104.52	hours	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									
A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	22.864.02	Dollars
Factors	30915	dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									
A5C	SUPPLIES	0000	NONE		R100S	RMRS Salaried	Linear	457.28	Dollars
Factors	618.3	dollars	0.84	Learning Curve	0.99	RSOP			
0.88934 [SYS 061400] .88934200 - Ssystem									

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE		ZDEPT	No Department	Linear	32.423.76	Dollars
Factors	32423.8	Dollars							
ESC	ESCALATION	0000	NONE		ZDEPT	No Department	Linear	13.034.09	Dollars
Factors	13034.1	Dollars							

Activity ID: 1EED8045

Description: 884 Decommissioning Final Surveys

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2FSSAsb	Type2 Bldg w/ Asbestos Final Status Survey	3.22	msf	HC	0	0	0	39.889	0	39.889	0	39.889
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	21.338	21.338	0	21.338
Total for Activity 1EED8045:						0	0	39.889	21.338	61.227	0	61.227

Line Item 2FSSAsb - Type2 Bldg w/ Asbestos Final Status Survey

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$16,750.00; Supplies: \$0.00
Total Unit Cost: \$16,750.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$13,929.30; Supplies: \$0.00
Total Unit Cost: \$13,929.30
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0804
Activity ID: 1EED8045

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE		R100S	RMRS Salaried	Linear	12.387.91	Dollars
Factors 16750 dollars 0.84 Learning Curve 0.99 RSOP										

0.88934 [SYS 061400] .88934200 - System

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE		ZDEPT	No Department	Linear	15.158.35	Dollars
Factors 15158.4 Dollars										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE		ZDEPT	No Department	Linear	6.179.44	Dollars
Factors 6179.44 Dollars										

Activity ID: 1EED8046 Description: 884 Decommissioning Demolition & Disposal

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
2DEMBIk	Type 2 Masonrv Bldg Demolition	3.22	msf	HC	0	0	0	40.127	0	40.127	0	40.127
2DEMBIkSlab	Type 2 Bldg Demolition Slab/Foundation	3.22	msf	HC	0	0	0	57.990	0	57.990	0	57.990
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	60.038	60.038	0	60.038
Total for Activity 1EED8046:						0	0	98.117	60.038	158.155	0	158.155

Line Item 2DEMBIk - Type 2 Masonry Bldg Demolition

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$16,850.00; Supplies: \$0.00
Total Unit Cost: \$16,850.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$14,012.46; Supplies: \$0.00
Total Unit Cost: \$14,012.46
Adjustment Factor: 0.8316

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE		R100S	RMRS Salaried	Linear	12.461.87	Dollars
Factors 16850 dollars 0.84 Learning Curve 0.99 RSOP										

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 2DEMBIkSlab - Type 2 Bldg Demolition Slab/Foundation

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00

Adjusted Unit Cost:

WBS No: 1EED0804
Activity ID: 1EED8046

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Labor Hours: 0; Subcontracts: \$20,250.00; Supplies: \$0.00
Total Unit Cost: \$20,250.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	18.009.18Dollars
Factors		20250	dollars				

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	42.431.82Dollars
Factors		42431.8	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	17.606.46Dollars
Factors		17606.5	Dollars				

WBS No: 1EED0805 Title: B-888 Decommissioning

Activity ID: 1EED8051 Description: B888 Decomm. Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	0.62	msf	HC	27	17	467	2.280	0	2.747	163	2.910
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.556	1.556	0	1.556
Total for Activity 1EED8051:						17	467	2.280	1.556	4.303	163	4.466

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00
Total Unit Cost: \$5,000.02

Adjusted Unit Cost:

Labor Hours: 29.8089; Subcontracts: \$3,960.00; Supplies: \$148.50
Total Unit Cost: \$4,950.01
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	17.50Hours
Factors		19.88	hours	0.99	RSOP		
						0.88934 [SYS 061400] .88934200 - Svsstem	
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	9.01Hours
Factors		10.23	hours	0.99	RSOP		
						0.88934 [SYS 061400] .88934200 - Svsstem	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	132.07Dollars
Factors		150	Dollars	0.99	RSOP		
						0.88934 [SYS 061400] .88934200 - Svsstem	

WBS No: 1EED0805
Activity ID: 1EED8051

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,521.79	Dollars
Factors	4000 Dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1,105.66	Dollars
Factors	1105.66 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	450.73	Dollars
Factors	450.730 Dollars							

Activity ID: 1EED8053 Description: B888 Decomm. Dismantlement

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	0.62	msf	HC	68	42	897	9,476	0	10,373	312	10,685
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	5.773	5,773	0	5,773
Total for Activity 1EED8053:						42	897	9,476	5,773	16,146	312	16,458

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 76.93001; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:
Labor Hours: 76.16071; Subcontracts: \$16,795.35; Supplies: \$279.92
Total Unit Cost: \$18,691.58
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		C120	D&D SKILLED TRADES	KE10H	Indust/Site Srvs Steelworkers	Linear	65.26	Hours
Factors	74.12	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.47	Hours
Factors	2.81	hours	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	14,936.81	Dollars
Factors	16965	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - System				
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	248.95	Dollars
Factors	282.75	dollars	0.99	RSOP					

0.88934 [SYS 061400] .88934200 - Ssystem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4,117.69	Dollars
Factors	4117.69 Dollars							

WBS No: 1EED0805
Activity ID: 1EED8053

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.655.28	Dollars
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Factors 1655.28 Dollars

Activity ID: 1EED8054 Description: B888 Decomm. Decontamination

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECNoAsb	Type1 Bldg w/o Asbestos Decontamination	0.62	msf	HC	10	6	136	1.433	0	1.568	47	1.616
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	873	873	0	873
Total for Activity 1EED8054:						6	136	1.433	873	2.441	47	2.488

Line Item 1DECNoAsb - Type1 Bldg w/o Asbestos Decontamination

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 11.63; Subcontracts: \$2,565.00; Supplies: \$42.75
Total Unit Cost: \$2,854.73

Adjusted Unit Cost:
Labor Hours: 11.5137; Subcontracts: \$2,539.35; Supplies: \$42.32
Total Unit Cost: \$2,826.18
Adjustment Factor: 0.99

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	0.37	Hours

Factors 0.42 hours

0.99 RSOP

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750 STRAIGHT TIME BASE	T050 RADIATION CONTROL TECHNOLOGI	KE10H Indust/Site Srvs Steelworkers	Linear	9.87	Hours
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Factors 11.21 hours

0.99 RSOP

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A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	2.258.35	Dollars
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Factors 2565 dollars

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svsstem

A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	37.64	Dollars
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Factors 42.75 dollars

0.99 RSOP

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	622.61	Dollars

Factors 622.605 Dollars

ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	250.28	Dollars
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Factors 250.282 Dollars

Activity ID: 1EED8056 Description: B888 Decomm. Demolition

Cost Risk 2 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMMod	Type 1 Modular Demolition	0.62	msf	HC	0	0	0	6.538	0	6.538	0	6.538
1DEMSlabMod	Type 1 Bldg Demolition Slab/Foundation	0.62	msf	HC	0	0	0	8.130	0	8.130	0	8.130
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	7.925	7.925	0	7.925
Total for Activity 1EED8056:						0	0	14.668	7.925	22.593	0	22.593

WBS No: 1EED0805
Activity ID: 1EED8056

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 1DEMMod - Type 1 Modular Demolition

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$11,900.00; Supplies: \$0.00 Total Unit Cost: \$11,900.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$11,781.00; Supplies: \$0.00 Total Unit Cost: \$11,781.00 Adjustment Factor: 0.99 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	10.477.34	Dollars
	Factors	11900	dollars	0.99	RSOP	0.88934 [SYS 061400] .88934200 - Svstem				

Line Item 1DEMSlabMod - Type 1 Bldg Demolition Slab/Foundation

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.									
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.									

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	13.028.86	Dollars
Factors 14650 dollars										
0.88934 [SYS 061400] .88934200 - Svstem										

Line Item SYS - Contingency And Escalation

BOE										
Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department			Linear	5.652.55	Dollars
Factors		5652.55	Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department			Linear	2.272.28	Dollars
Factors		2272.28	Dollars							

WBS No: 1EED0806 Title: B-891 Decommissioning
Activity ID: 1E8910APEN Description: B891 Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

WBS No: 1EED0806
Activity ID: 1E8910APEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1PEN	Type1 Bldg Planning & Engineering	3.00	msf	HC	21	64	1,819	8,879	0	10,697	633	11,330
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	6,676	6,676	0	6,676
Total for Activity 1E8910APEN:						64	1,819	8,879	6,676	17,374	633	18,007

Line Item 1PEN - Type1 Bldg Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 30.11; Subcontracts: \$4,000.00; Supplies: \$150.00 Total Unit Cost: \$5,000.02 Adjusted Unit Cost: Labor Hours: 24.14521; Subcontracts: \$3,207.60; Supplies: \$120.29 Total Unit Cost: \$4,009.51 Adjustment Factor: 0.8019 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	14.18	Hours
Factors	19.88	hours		0.81	Learning Curve		0.99	RSOP		
	0.88934 [SYS 061400] .88934200 - Svstem									
	750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	7.30	Hours
Factors	10.23	hours		0.81	Learning Curve		0.99	RSOP		
	0.88934 [SYS 061400] .88934200 - Svstem									
	A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	106.97	Dollars
Factors	150	Dollars		0.81	Learning Curve		0.99	RSOP		
	0.88934 [SYS 061400] .88934200 - Svstem									
	A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	2,852.65	Dollars
Factors	4000	Dollars		0.81	Learning Curve		0.99	RSOP		
	0.88934 [SYS 061400] .88934200 - Svstem									

Line Item SYS - Contingency And Escalation

BOE												
Resources												
	<i>Cost Element</i>				<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>	
	CON	CONTINGENCY			0000	NONE	ZDEPT	No Department		Linear	4.683.69 Dollars	
	<i>Factors</i>		4683.69 Dollars									
	ESC	ESCALATION			0000	NONE	ZDEPT	No Department		Linear	1.992.78 Dollars	
<i>Factors</i>		1992.78 Dollars										

Activity ID: 1E8910BCHR Description: B891 Decommissioning Characterizat

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1CHR	Type1 Bldg Characterization	3.00	msf	HC	15	45	978	3,622	0	4,600	340	4,940
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2,643	2,643	0	2,643
Total for Activity 1E8910BCHR:						45	978	3,622	2,643	7,243	340	7,583

Line Item 1CHR - Type1 Bldg Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source											
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WBS No: 1EED0806
Activity ID: 1E8910BCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 21.07; Subcontracts: \$1,612.50; Supplies: \$80.63
Total Unit Cost: \$2,150.12

Adjusted Unit Cost:

Labor Hours: 16.89603; Subcontracts: \$1,293.06; Supplies: \$64.66
Total Unit Cost: \$1,724.18
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.05 Hours
Factors	1.47	Hours	0.81	Learning Curve	0.99	RSOP	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	13.98 Hours
Factors	19.6	hours	0.81	Learning Curve	0.99	RSOP	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	57.50 Dollars
Factors	80.63	dollars	0.81	Learning Curve	0.99	RSOP	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1,149.98 Dollars
Factors	1612.5	dollars	0.81	Learning Curve	0.99	RSOP	

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	1,877.42 Dollars
Factors	1877.42	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	765.35 Dollars
Factors	765.345	Dollars					

Activity ID: 1E8910CSPR Description: B891 Decommissioning Final Surveys

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1FSS	Type1 Bldg Final Status Survey	3.00	msf	HC	0	0	0	9,093	0	9,093	0	9,093
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	7,718	7,718	0	7,718
Total for Activity 1E8910CSPR:						0	0	9,093	7,718	16,811	0	16,811

Line Item 1FSS - Type1 Bldg Final Status Survey

BOE		Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
		Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
		Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$4,250.00; Supplies: \$0.00 Total Unit Cost: \$4,250.00
		Adjusted Unit Cost:

WBS No: 1EED0806
Activity ID: 1E8910CSPR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Labor Hours: 0; Subcontracts: \$3,408.07; Supplies: \$0.00 Total Unit Cost: \$3,408.07 Adjustment Factor: 0.8019 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.030.94
Factors	4250 dollars	0.81	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	5.690.31
Factors	5690.31 Dollars						
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.028.16
Factors	2028.16 Dollars						

Activity ID: 1E8910DDEC Description: B891 Decommissioning Decontamination

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DECNoAsb	Type1 Bldg w/o Asbestos Decontamination	3.00	msf	HC	8	25	528	5.579	0	6.108	184	6.292
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	5.519	5.519	0	5.519
Total for Activity 1E8910DDEC:						25	528	5.579	5.519	11.627	184	11.811

Line Item 1DECNoAsb - Type1 Bldg w/o Asbestos Decontamination

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 11.63; Subcontracts: \$2,565.00; Supplies: \$42.75 Total Unit Cost: \$2,854.73 Adjusted Unit Cost: Labor Hours: 9.326097; Subcontracts: \$2,056.87; Supplies: \$34.28 Total Unit Cost: \$2,289.20 Adjustment Factor: 0.8019 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.30
Factors	0.42 hours	0.81	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	7.99
Factors	11.21 hours	0.81	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	1.829.26
Factors	2565 dollars	0.81	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	30.49
Factors	42.75 dollars	0.81	Learning Curve	0.99	RSOP	0.88934	[SYS 061400] .88934200 - Svstem

WBS No: 1EED0806
Activity ID: 1E8910DDEC

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	4.115.84 Dollars
Factors		4115.84 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.403.33 Dollars
Factors		1403.33 Dollars					

Activity ID: 1E8910EDIS Description: B891 Decommissioning Dismantlement

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DIS	Type1 Bldg Dismantlement	3.00	msf	HC	55	165	3.493	36.901	0	40.394	1.216	41.610
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	36.502	36.502	0	36.502
Total for Activity 1E8910EDIS:						165	3.493	36.901	36.502	76.896	1.216	78.112

Line Item 1DIS - Type1 Bldg Dismantlement

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 76.93001; Subcontracts: \$16,965.00; Supplies: \$282.75
Total Unit Cost: \$18,880.39

Adjusted Unit Cost:
Labor Hours: 61.69017; Subcontracts: \$13,604.23; Supplies: \$226.74
Total Unit Cost: \$15,140.18
Adjustment Factor: 0.8019

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	C120	D&D SKILLED TRADES	KE10H	Indust/Site Svcs Steelworkers	Linear	52.86 Hours
Factors		74.12 hours 0.81 Learning Curve 0.99 RSOP 0.88934 [SYS 061400] .88934200 - System					
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.00 Hours
Factors		2.81 hours 0.81 Learning Curve 0.99 RSOP 0.88934 [SYS 061400] .88934200 - System					
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	12.098.82 Dollars
Factors		16965 dollars 0.81 Learning Curve 0.99 RSOP 0.88934 [SYS 061400] .88934200 - System					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	201.65 Dollars
Factors		282.75 dollars 0.81 Learning Curve 0.99 RSOP 0.88934 [SYS 061400] .88934200 - System					

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	27.220.66 Dollars
Factors		27220.7 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.281.11 Dollars
Factors		9281.11 Dollars					

Activity ID: 1EED8066 Description: B-891 Demolition

Cost Risk 3 Schedule Risk 4

WBS No: 1EED0806
Activity ID: 1EED8066

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
1DEMBlk-1E8910	Type 1 Masonry Demolition	3.00	msf	HC	0	0	0	34.018	0	34.018	0	34.018
1DEMSlabBlk-1E8	Type 1 Bldg Demolition Slab/Foundation	3.00	msf	HC	0	0	0	39.087	0	39.087	0	39.087
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	63.424	63.424	0	63.424
Total for Activity 1EED8066:						0	0	73.104	63.424	136.529	0	136.529

Line Item 1DEMBlk-1E8910FDEM - Type 1 Masonry Demolition

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$15,900.00; Supplies: \$0.00 Total Unit Cost: \$15,900.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$12,750.21; Supplies: \$0.00 Total Unit Cost: \$12,750.21 Adjustment Factor: 0.8019</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	11.339.30	Dollars
Factors	15900 dollars	0.81 Learning Curve	0.99 RSOP	0.88934	[SYS 061400] .88934200 - Svsstem	

Line Item 1DEMSlabBlk-1E8910FD - Type 1 Bldg Demolition Slab/Foundation

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$14,650.00; Supplies: \$0.00 Total Unit Cost: \$14,650.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	13.028.86	Dollars
Factors	14650 dollars			0.88934	[SYS 061400] .88934200 - Svsstem	

Line Item SYS - Contingency And Escalation

BOE						
Resources	Cost Element	Skill	Department	Curve	Quantity	Units

WBS No: 1EED0806
Activity ID: 1EED8066

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	47.118.42	Dollars
Factors 47118.4 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	16.305.96	Dollars
Factors 16306 Dollars								

WBS No: 1EED0809 Title: T-881B Decommissioning
Activity ID: 1EGC0140AG Description: B891TB Decommissioning

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	747	747	0	747
TrlrDEMP89	Trailer (89 and later) Demolition/Disposal	0.98	msf	HC	0	0	0	5.229	0	5.229	0	5.229
Total for Activity 1EGC0140AG:						0	0	5.229	747	5.976	0	5.976

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	244.58	Dollars
Factors	244.581 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	502.10	Dollars
Factors	502.101 Dollars							

Line Item TrlrDEMP89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	5.336.05	Dollars
Factors	6000	dollars							

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0810 Title: T-891B Decommissioning
Activity ID: 1EGC0140AH Description: B891TC Decommissioning

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.987	2.987	0	2.987
TrlrDEMP89	Trailer (89 and later) Demolition/Disposal	3.92	msf	HC	0	0	0	20.917	0	20.917	0	20.917
Total for Activity 1EGC0140AH:						0	0	20.917	2.987	23.904	0	23.904

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	978.33	Dollars
Factors 978.325 Dollars								

WBS No: 1EED0810
Activity ID: 1EGC0140AH

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2,008.40	Dollars
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Factors 2008.40 Dollars

Line Item TrlrDEMPost89 - Trailer (89 and later) Demolition/Disposal

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00 Total Unit Cost: \$6,000.00</p> <p>Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00 Total Unit Cost: \$6,000.00 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	5,336.05	Dollars

Factors 6000 dollars

0.88934 [SYS 061400] 88934200 - System

WBS No: 1EED0812 Title: T-891D Decommissioning
Activity ID: 1EED8121 Description: B891D Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	72	72	0	72
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	0.72	msf	HC	4	3	82	399	0	480	23	503
Total for Activity 1EED8121:						3	82	399	72	552	23	575

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	23.54	Dollars

Factors 23.5393 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	48.32	Dollars
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Factors 48.3239 Dollars

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03</p> <p>Adjusted Unit Cost: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03</p>
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WBS No: 1EED0812
Activity ID: 1EED8121

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65	Hours
Factors	2.98	hours							
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37	Hours
Factors	1.54	hours							
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01	Dollars
Factors	22.5	dollars							
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors	600	dollars							

Activity ID: 1EED8122 Description: B891D Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	82	82	0	82
TrlrCHRPost89	Trailer (89 and later) Characterization	0.72	msf	HC	7	5	115	426	0	541	32	573
Total for Activity 1EED8122:						5	115	426	82	623	32	655

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	26.82	Dollars
Factors	26.82	Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	55.06	Dollars
Factors	55.06	Dollars							

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02	hours	0.26	800 Facilities Cluster Post89Trailer					

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WBS No: 1EED0812
Activity ID: 1EED8122

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	KE10H	Indust/Site Svcs Steelworkers	Linear	6.93	Hours
Factors	29.95 hours	0.26	800 Facilities Cluster Post89Trailer					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
Factors	121.88 dollars	0.26	800 Facilities Cluster Post89Trailer					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5 dollars	0.26	800 Facilities Cluster Post89Trailer					
						0.88934 [SYS 061400] .88934200 - Svstem		

Activity ID: 1EED8126 Description: B891D Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	549	549	0	549
TrlrDEMPost89	Trailer (89 and later) Demolition/Disposal	0.72	msf	HC	0	0	0	3.842	0	3.842	0	3.842
Total for Activity 1EED8126:						0	0	3.842	549	4.391	0	4.391

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	179.69 Dollars
Factors	179.692 Dollars				
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	368.89 Dollars
Factors	368.890 Dollars				

Line Item TrlrDEMPost89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	5.336.05 Dollars
Factors	6000 dollars				

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WBS No: 1EED0813 Title: T-891E Decommissioning

Activity ID: 1EED8131 Description: B891E Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	144	144	0	144
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	1.44	msf	HC	4	6	163	797	0	961	46	1.007
Total for Activity 1EED8131:						6	163	797	144	1.104	46	1.150

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0813
Activity ID: 1EED8131

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	47.08	Dollars
Factors 47.0786 Dollars									
ESC		ESCALATION	0000	NONE	ZDEPT	No Department	Linear	96.65	Dollars
Factors 96.6477 Dollars									

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03 Adjusted Unit Cost: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65	Hours
Factors 2.98 hours									
								0.88934 [SYS 061400] .88934200 - Svstem	
750		STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37	Hours
Factors 1.54 hours									
								0.88934 [SYS 061400] .88934200 - Svstem	
A5C		SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01	Dollars
Factors 22.5 dollars									
								0.88934 [SYS 061400] .88934200 - Svstem	
A5H		SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors 600 dollars									

Activity ID: 1EED8132 Description: B891E Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	164	164	0	164
TrlrCHRPost89	Trailer (89 and later) Characterization	1.44	msf	HC	7	11	230	852	0	1,082	65	1,147
Total for Activity 1EED8132:						11	230	852	164	1,246	65	1,311

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	53.65	Dollars
	Factors 53.6453 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	110.13	Dollars
	Factors 110.128 Dollars									

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source											
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WBS No: 1EED0813
Activity ID: 1EED8132

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:

Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47Hours
Factors	2.02	hours	0.26	800 Facilities Cluster Post89Trailer			
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	6.93Hours
Factors	29.95	hours	0.26	800 Facilities Cluster Post89Trailer			
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18Dollars
Factors	121.88	dollars	0.26	800 Facilities Cluster Post89Trailer			
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62Dollars
Factors	2437.5	dollars	0.26	800 Facilities Cluster Post89Trailer			

Activity ID: 1EED8136 Description: B891E Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.097	1.097	0	1.097
TrlrDEMPost89	Trailer (89 and later) Demolition/Disposal	1.44	msf	HC	0	0	0	7.684	0	7.684	0	7.684
Total for Activity 1EED8136:						0	0	7.684	1.097	8.781	0	8.781

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	359.38Dollars
Factors	359.385	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	737.78Dollars
Factors	737.781	Dollars					

Line Item TrlrDEMPost89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:

WBS No: 1EED0813
Activity ID: 1EED8136

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	5.336.05Dollars
Factors		6000	dollars				

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WBS No: 1EED0814 Title: T-891F Decommissioning
Activity ID: 1EED8141 Description: B891F Decommissioning Panning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	72	72	0	72
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	0.72	msf	HC	4	3	82	399	0	480	23	503
Total for Activity 1EED8141:						3	82	399	72	552	23	575

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	23.54Dollars
Factors		23.5393	Dollars				
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	48.32Dollars
Factors		48.3239	Dollars				

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03

Adjusted Unit Cost:

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65Hours
Factors		2.98	hours				
750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37Hours
Factors		1.54	hours				
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01Dollars
Factors		22.5	dollars				

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0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0814
Activity ID: 1EED8141

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors	600	dollars						

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1EED8142 Description: B891F Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	82	82	0	82
TrlrCHRPost89	Trailer (89 and later) Characterization	0.72	msf	HC	7	5	115	426	0	541	32	573
Total for Activity 1EED8142:						5	115	426	82	623	32	655

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	26.82	Dollars
Factors	26.8226 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	55.06	Dollars
Factors	55.0642 Dollars							

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element			Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02	hours	0.26	800 Facilities Cluster Post89Trailer					
								0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	6.93	Hours
Factors	29.95	hours	0.26	800 Facilities Cluster Post89Trailer					
								0.88934	[SYS 061400] .88934200 - Svstem
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
Factors	121.88	dollars	0.26	800 Facilities Cluster Post89Trailer					
								0.88934	[SYS 061400] .88934200 - Svstem
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5	dollars	0.26	800 Facilities Cluster Post89Trailer					

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1EED8146 Description: B891F Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	549	549	0	549
TrlrDEMPPost89	Trailer (89 and later) Demolition/Disposal	0.72	msf	HC	0	0	0	3.842	0	3.842	0	3.842
Total for Activity 1EED8146:						0	0	3.842	549	4.391	0	4.391

WBS No: 1EED0814
Activity ID: 1EED8146

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			179.69	Dollars
Factors 179.692 Dollars										
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear			368.89	Dollars
Factors 368.890 Dollars										

Line Item TrlrDEMPst89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear			5,336.05	Dollars
Factors 6000 dollars										

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0815 Title: T-891G Decommissioning

Activity ID: 1EED8151 Description: B891G Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	72	72	0	72
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	0.72	msf	HC	4	3	82	399	0	480	23	503
Total for Activity 1EED8151:						3	82	399	72	552	23	575

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear			23.54	Dollars
Factors 23.5393 Dollars										
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear			48.32	Dollars
Factors 48.3239 Dollars										

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

WBS No: 1EED0815
Activity ID: 1EED8151

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50	
Total Unit Cost: \$750.03	
Adjusted Unit Cost:	
Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50	
Total Unit Cost: \$750.03	
Adjustment Factor: 1	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	2.65 Hours
Factors		2.98	hours				
		750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	1.37 Hours
Factors		1.54	hours				
		A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	20.01 Dollars
Factors		22.5	dollars				
		A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	533.61 Dollars
Factors		600	dollars				

Activity ID: 1EED8152 Description: B891G Decommissioning Characterization

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	82	82	0	82
TrlrCHRPost89	Trailer (89 and later) Characterization	0.72	msf	HC	7	5	115	426	0	541	32	573
Total for Activity 1EED8152:						5	115	426	82	623	32	655

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	26.82 Dollars
Factors		26.8226	Dollars				
		ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	55.06 Dollars
Factors		55.0642	Dollars				

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.	
Historical Unit Cost Data:	
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88	
Total Unit Cost: \$3,249.95	
Adjusted Unit Cost:	
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88	
Total Unit Cost: \$3,249.95	
Adjustment Factor: 1	
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.	

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0815
Activity ID: 1EED8152

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02 hours	0.26	800 Facilities Cluster Post89Trailer					

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers	Linear	6.93	Hours
Factors	29.95 hours	0.26	800 Facilities Cluster Post89Trailer					

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
Factors	121.88 dollars	0.26	800 Facilities Cluster Post89Trailer					

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5 dollars	0.26	800 Facilities Cluster Post89Trailer					

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED8156 Description: B891G Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	549	549	0	549
TrlrDEMPst89	Trailer (89 and later) Demolition/Disposal	0.72	msf	HC	0	0	0	3,842	0	3,842	0	3,842
Total for Activity 1EED8156:						0	0	3,842	549	4,391	0	4,391

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	179.69	Dollars
	Factors 179.692 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	368.89	Dollars
	Factors 368.890 Dollars								

Line Item TrlrDEMPst89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	5.336.05	Dollars
	Factors 6000 dollars								

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0816 Title: T-891O Decommissioning

Activity ID: 1EED8162 Description: B891O Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	318	318	0	318
TrlrCHRPst89	Trailer (89 and later) Characterization	2.80	msf	HC	7	21	447	1,657	0	2,104	126	2,230

WBS No: 1EED0816
Activity ID: 1EED8162

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total for Activity 1EED8162:

21	447	1,657	318	2,423	126	2,549
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Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	104.31 Dollars
Factors		104.310 Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	214.14 Dollars
Factors		214.139 Dollars					

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02	hours	0.26	800 Facilities Cluster Post89Trailer						
								0.88934 [SYS 061400] .88934200 - System		
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers	Linear	6.93	Hours
Factors	29.95	hours	0.26	800 Facilities Cluster Post89Trailer						
								0.88934 [SYS 061400] .88934200 - System		
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	28.18	Dollars
Factors	121.88	dollars	0.26	800 Facilities Cluster Post89Trailer						
								0.88934 [SYS 061400] .88934200 - System		
A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5	dollars	0.26	800 Facilities Cluster Post89Trailer						

Activity ID: 1EED8163

Description: B891O Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1EED8163:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Characterization
Breakdown of Historical Data:
Item - Characterization
Units - 1msf
Unit Cost - 22.74 hrs, \$1,687.50 subcontracts, \$84.38 supplies

WBS No: 1EED0816
Activity ID: 1EED8163

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	1.39	Hours

Factors 1.56 Hours

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	18.84	Hours
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Factors 21.18 Hours

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	76.17	Dollars
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Factors 84.38 Dollars

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	1.535.03	Dollars
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Factors 1687.5 Dollars

Activity ID: 1EED8166

Description: B891O Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.133	2.133	0	2.133
TrlrDEMPst89	Trailer (89 and later) Demolition/Disposal	2.80	msf	HC	0	0	0	14.941	0	14.941	0	14.941
Total for Activity 1EED8166:						0	0	14.941	2.133	17.074	0	17.074

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	698.80	Dollars

Factors 698.804 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.434.57	Dollars
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Factors 1434.57 Dollars

Line Item TrlrDEMPst89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	5.336.05	Dollars

Factors 6000 dollars

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0817
Activity ID: 1EED8171

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

WBS No: 1EED0817	Title: T-891P Decommissioning
Activity ID: 1EED8171	Description: B891P Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	72	72	0	72
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	0.72	msf	HC	4	3	82	399	0	480	23	503
Total for Activity 1EED8171:						3	82	399	72	552	23	575

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	23.53	Dollars
Factors	23.5393 Dollars					
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	48.32	Dollars
Factors	48.3239 Dollars					

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03

Adjusted Unit Cost:
Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	2.65	Hours
Factors	2.98 hours					
750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	1.37	Hours
Factors	1.54 hours					
A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	20.01	Dollars
Factors	22.5 dollars					
A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	533.61	Dollars
Factors	600 dollars					

Activity ID: 1EED8172	Description: B891P Decommissioning Characterization
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Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	82	82	0	82
TrlrCHRPost89	Trailer (89 and later) Characterization	0.72	msf	HC	7	5	115	426	0	541	32	573
Total for Activity 1EED8172:						5	115	426	82	623	32	655

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0817
Activity ID: 1EED8172

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	26.82	Dollars
Factors 26.8226 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	55.06	Dollars
Factors 55.0642 Dollars									

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88 Total Unit Cost: \$3,249.95 Adjusted Unit Cost: Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88 Total Unit Cost: \$3,249.95 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours
Factors 2.02 hours 0.26 800 Facilities Cluster Post89Trailer									
								0.88934	[SYS 061400] .88934200 - Svstem
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	KE10H	Indust/Site Svcs Steelworkers	Linear	6.93	Hours
Factors 29.95 hours 0.26 800 Facilities Cluster Post89Trailer									
								0.88934	[SYS 061400] .88934200 - Svstem
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
Factors 121.88 dollars 0.26 800 Facilities Cluster Post89Trailer									
								0.88934	[SYS 061400] .88934200 - Svstem
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors 2437.5 dollars 0.26 800 Facilities Cluster Post89Trailer									
								0.88934	[SYS 061400] .88934200 - Svstem

Activity ID: 1EED8176 Description: B891P Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	549	549	0	549
TrlrDEMP89	Trailer (89 and later) Demolition/Disposal	0.72	msf	HC	0	0	0	3,842	0	3,842	0	3,842
Total for Activity 1EED8176:						0	0	3,842	549	4,391	0	4,391

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	179.69	Dollars
	Factors 179.692 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	368.89	Dollars
	Factors 368.890 Dollars									

Line Item TrlrDEMP89 - Trailer (89 and later) Demolition/Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source												
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WBS No: 1EED0817
Activity ID: 1EED8176

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	5.336.05	Dollars
Factors		6000	dollars						

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0818 Title: T-891Q Decommissioning

Activity ID: 1EED8181 Description: B891Q Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	77	77	0	77
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	0.77	msf	HC	4	3	87	425	0	512	25	537
Total for Activity 1EED8181:						3	87	425	77	589	25	613

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	25.11	Dollars
Factors		25.1086	Dollars						
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	51.55	Dollars
Factors		51.5455	Dollars						

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03

Adjusted Unit Cost:

Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50
Total Unit Cost: \$750.03
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
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WBS No: 1EED0818
Activity ID: 1EED8181

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65	Hours
Factors	2.98	hours						

0.88934 [SYS 061400] .88934200 - Svstem

750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37	Hours
Factors	1.54	hours						

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01	Dollars
Factors	22.5	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors	600	dollars						

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED8182 Description: B891Q Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	87	87	0	87
TrlrCHRPost89	Trailer (89 and later) Characterization	0.77	msf	HC	7	6	123	455	0	577	35	612
Total for Activity 1EED8182:						6	123	455	87	664	35	699

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	28.61	Dollars
	Factors 28.6108 Dollars								
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	58.74	Dollars
	Factors 58.7351 Dollars								

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element			Skill		Department		Curve	Quantity	Units	
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02	hours		0.26	800 Facilities Cluster Post89Trailer		0.88934 [SYS 061400] .88934200 - Svstem				
750	STRAIGHT TIME BASE		T050	RADIATION CONTROL TECHNOLOGI		KE10H	Indust/Site Svcs Steelworkers		Linear	6.93	Hours
Factors	29.95	hours		0.26	800 Facilities Cluster Post89Trailer		0.88934 [SYS 061400] .88934200 - Svstem				
A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried		Linear	28.18	Dollars
Factors	121.88	dollars		0.26	800 Facilities Cluster Post89Trailer		0.88934 [SYS 061400] .88934200 - Svstem				

0.88934 [SYS 061400] .88934200 - Svstem

WBS No: 1EED0818
Activity ID: 1EED8182

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5	dollars	0.26	800 Facilities Cluster Post89Trailer				

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1EED8186

Description: B891Q Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	585	585	0	585
TrlrDEMPPost89	Trailer (89 and later) Demolition/Disposal	0.77	msf	HC	0	0	0	4.098	0	4.098	0	4.098
Total for Activity 1EED8186:						0	0	4.098	585	4.683	0	4.683

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	191.67	Dollars
Factors	191.672	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	393.48	Dollars
Factors	393.483	Dollars			

Line Item TrlrDEMPPost89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	5.336	Dollars
Factors	6000	dollars			

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0819

Title: T-891R Decommissioning

Activity ID: 1EED8191

Description: B891R Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	287	287	0	287
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	2.88	msf	HC	4	12	327	1.594	0	1.921	92	2.013
Total for Activity 1EED8191:						12	327	1.594	287	2.208	92	2.301

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	94.16	Dollars
Factors	94.1573	Dollars			
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	193.30	Dollars
Factors	193.296	Dollars			

WBS No: 1EED0819
Activity ID: 1EED8191

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p> <p>Historical Unit Cost Data: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03</p> <p>Adjusted Unit Cost: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03 Adjustment Factor: 1</p> <p>This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.</p>											
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Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS		R100S	RMRS Salaried	Linear	2.65 Hours
Factors		2.98	hours	0.88934 ISYS 0614001.88934200 - Svstem						
	750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS		R100S	RMRS Salaried	Linear	1.37 Hours
Factors		1.54	hours	0.88934 ISYS 0614001.88934200 - Svstem						
	A5C	SUPPLIES		0000	NONE		R100S	RMRS Salaried	Linear	20.01 Dollars
Factors		22.5	dollars	0.88934 ISYS 0614001.88934200 - Svstem						
	A5H	SUBCONTRACTED SRVS		0000	NONE		R100S	RMRS Salaried	Linear	533.61 Dollars
Factors		600	dollars	0.88934 ISYS 0614001.88934200 - Svstem						
Activity ID: 1EED8192		Description: B891R Decommissioning Characterization				Cost Risk		1	Schedule Risk	2

Activity ID: 1EED8192 Description: B891R Decommissioning Characterization

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	328	328	0	328
TrlrCHRPost89	Trailer (89 and later) Characterization	2.88	msf	HC	7	21	460	1.704	0	2.164	130	2.294
Total for Activity 1EED8192:						21	460	1.704	328	2.492	130	2.621

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	107.29	Dollars
	Factors 107.291 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	220.26	Dollars
	Factors 220.257 Dollars									

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE	<p>Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.</p>											
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WBS No: 1EED0819
Activity ID: 1EED8192

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02 hours	0.26	800 Facilities Cluster Post89Trailer					
							0.88934	[SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	6.93	Hours
Factors	29.95 hours	0.26	800 Facilities Cluster Post89Trailer					
							0.88934	[SYS 061400] .88934200 - Svstem
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
Factors	121.88 dollars	0.26	800 Facilities Cluster Post89Trailer					
							0.88934	[SYS 061400] .88934200 - Svstem
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5 dollars	0.26	800 Facilities Cluster Post89Trailer					

Activity ID: 1EED8196

Description: B891R Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.194	2.194	0	2.194
TrlrDEMP89	Trailer (89 and later) Demolition/Disposal	2.88	msf	HC	0	0	0	15.368	0	15.368	0	15.368
Total for Activity 1EED8196:						0	0	15.368	2.194	17.562	0	17.562

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	718.77	Dollars
Factors	718.77 Dollars							
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,475.56	Dollars
Factors	1475.56 Dollars							

Line Item TrlrDEMP89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

WBS No: 1EED0819
Activity ID: 1EED8196

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	5.336.05	Dollars

Factors 6000 dollars

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0820 Title: T-891V Decommissioning

Activity ID: 1EED8201 Description: B891V Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	167	167	0	167
TrlrPENPre89	Pre-1989 Trailer Planning and Engineering	0.72	msf	HC	9	6	184	937	0	1.121	52	1.172
Total for Activity 1EED8201:						6	184	937	167	1.288	52	1.340

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	54.84	Dollars

Factors 54.8351 Dollars

ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	112.57	Dollars
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Factors 112.571 Dollars

Line Item TrlrPENPre89 - Pre-1989 Trailer Planning and Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00

Total Unit Cost: \$1,750.02

Adjusted Unit Cost:

Labor Hours: 9.81; Subcontracts: \$1,400.00; Supplies: \$63.00

Total Unit Cost: \$1,750.02

Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	6.27	Hours

Factors 7.05 hours

0.88934 [SYS 061400] .88934200 - System

750	STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	2.45	Hours
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Factors 2.76 hours

0.88934 [SYS 061400] .88934200 - System

A5C	SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	56.03	Dollars
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Factors 63 dollars

0.88934 [SYS 061400] .88934200 - System

A5H	SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	1.245.08	Dollars
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Factors 1400 dollars

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1EED8202 Description: B891V Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	314	314	0	314

WBS No: 1EED0820
Activity ID: 1EED8202

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

TrlrCHRPre89	Pre-1989 Trailer Characterization	0.72	msf	HC	24	17	427	1.654	0	2.081	120	2.201
Total for Activity 1EED8202:						17	427	1.654	314	2.395	120	2.516

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department			Linear	102.96	Dollars
Factors		102.961 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department			Linear	211.37	Dollars
Factors		211.368 Dollars								

Line Item TrlrCHRPre89 - Pre-1989 Trailer Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01

Adjusted Unit Cost:
Labor Hours: 26.55; Subcontracts: \$2,437.50; Supplies: \$146.25
Total Unit Cost: \$3,250.01
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried			Linear	7.62	Hours
Factors		8.57 hours								
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Srvs Steelworkers			Linear	15.99	Hours
Factors		17.98 hours								
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried			Linear	130.07	Dollars
Factors		146.25 dollars								
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried			Linear	2.167.77	Dollars
Factors		2437.5 dollars								

Activity ID: 1EED8206 Description: B891V Decommissioning Demolition & Disposal

0.88934 [SYS 061400] .88934200 - System
1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.989	1.989	0	1.989
TrlrDEMPre89	Pre-1989 Trailer Demolition/Disposal	0.72	msf	HC	0	0	0	13.927	0	13.927	0	13.927
Total for Activity 1EED8206:						0	0	13.927	1.989	15.916	0	15.916

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department			Linear	651.38	Dollars
Factors		651.385 Dollars								

WBS No: 1EED0820
Activity ID: 1EED8206

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,337.23	Dollars
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Factors 1337.23 Dollars

Line Item TrlrDEMPre89 - Pre-1989 Trailer Demolition/Disposal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00 Total Unit Cost: \$21,750.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$21,750.00; Supplies: \$0.00 Total Unit Cost: \$21,750.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	19,343.19	Dollars

Factors 21750 dollars

0.88934 [SYS 061400] 88934200 - System

WBS No: 1EED0821 Title: T-893A Decommissioning
Activity ID: 1E893AAPEN Description: B893A Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.537	1.537	0	1.537
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	15.40	msf	HC	4	62	1,747	8,526	0	10,272	493	10,765
Total for Activity 1E893AAPEN:						62	1,747	8,526	1,537	11,809	493	12,302

Line Item SYS - Contingency And Escalation

BOE									
Resources	<i>Cost Element</i>		<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	503.48	Dollars

Factors 503.48 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,033.59	Dollars
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Factors 1033.59 Dollars

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03 Adjusted Unit Cost: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03
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WBS No: 1EED0821
Activity ID: 1E893AAPEN

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65	Hours
Factors	2.98	hours							
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37	Hours
Factors	1.54	hours							
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01	Dollars
Factors	22.5	dollars							
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors	600	dollars							

Activity ID: 1E893ABCHR Description: B893A Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.751	1.751	0	1.751
TrlrCHRPost89	Trailer (89 and later) Characterization	15.40	msf	HC	7	114	2,459	9,114	0	11,573	693	12,266
Total for Activity 1E893ABCHR:						114	2,459	9,114	1.751	13,324	693	14,018

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	573.71	Dollars
Factors	573.706	Dollars							
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1,177.76	Dollars
Factors	1177.76	Dollars							

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:
Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours
Factors	2.02	hours	0.26	800 Facilities Cluster Post89Trailer					

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0821
Activity ID: 1E893ABCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLIGI	KE10H	Indust/Site Svcs Steelworkers	Linear	6.93	Hours
Factors	29.95 hours	0.26	800 Facilities Cluster Post89Trailer					
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
Factors	121.88 dollars	0.26	800 Facilities Cluster Post89Trailer					
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
Factors	2437.5 dollars	0.26	800 Facilities Cluster Post89Trailer					
							0.88934	[SYS 061400] .88934200 - Svstem

Activity ID: 1E893AFDEM Description: B893A Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.734	11.734	0	11.734
TrlrDEMPost89	Trailer (89 and later) Demolition/Disposal	15.40	msf	HC	0	0	0	82.175	0	82.175	0	82.175
Total for Activity 1E893AFDEM:						0	0	82.175	11.734	93.909	0	93.909

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
CON CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	3.843.42	Dollars
Factors	3843.42 Dollars				
ESC ESCALATION	0000 NONE	ZDEPT No Department	Linear	7.890.16	Dollars
Factors	7890.16 Dollars				

Line Item TrlrDEMPost89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element	Skill	Department	Curve	Quantity	Units
A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	5.336.05	Dollars
Factors	6000 dollars				

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0822 Title: T-893B Decommissioning

Activity ID: 1EED8221 Description: B893B Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.537	1.537	0	1.537
TrlrPENPost89	Trailer (89 and later) Planning and Engineering	15.40	msf	HC	4	62	1.747	8.526	0	10.272	493	10.765
Total for Activity 1EED8221:						62	1.747	8.526	1.537	11.809	493	12.302

Line Item SYS - Contingency And Escalation

BOE

WBS No: 1EED0822
Activity ID: 1EED8221

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	503.48	Dollars
Factors 503.48 Dollars									
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	1.033.59	Dollars
Factors 1033.59 Dollars									

Line Item TrlrPENPost89 - Trailer (89 and later) Planning and Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03 Adjusted Unit Cost: Labor Hours: 4.52; Subcontracts: \$600.00; Supplies: \$22.50 Total Unit Cost: \$750.03 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.												
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	2.65	Hours
Factors 2.98 hours									
								0.88934	[SYS 061400] .88934200 - Svstem
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	750	STRAIGHT TIME BASE	G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	1.37	Hours
Factors 1.54 hours									
								0.88934	[SYS 061400] .88934200 - Svstem
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	20.01	Dollars
Factors 22.5 dollars									
								0.88934	[SYS 061400] .88934200 - Svstem
Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	533.61	Dollars
Factors 600 dollars									

Activity ID: 1EED8222 Description: B893B Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	1.751	1.751	0	1.751
TrlrCHRPost89	Trailer (89 and later) Characterization	15.40	msf	HC	7	114	2,459	9,114	0	11,573	693	12,266
Total for Activity 1EED8222:						114	2,459	9,114	1.751	13,324	693	14,018

Line Item SYS - Contingency And Escalation

BOE										
Resources	<i>Cost Element</i>			<i>Skill</i>		<i>Department</i>		<i>Curve</i>	<i>Quantity</i>	<i>Units</i>
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	573.71	Dollars
	<i>Factors</i> 573.706 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	1,177.76	Dollars
	<i>Factors</i> 1177.76 Dollars									

Line Item TrlrCHRPost89 - Trailer (89 and later) Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source												
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WBS No: 1EED0822
Activity ID: 1EED8222

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

- This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95

Adjusted Unit Cost:

Labor Hours: 31.97; Subcontracts: \$2,437.50; Supplies: \$121.88
Total Unit Cost: \$3,249.95
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	0.47	Hours

Factors 2.02 hours 0.26 800 Facilities Cluster Post89Trailer

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750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	KE10H	Indust/Site Svcs Steelworkers	Linear	6.93	Hours
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Factors 29.95 hours 0.26 800 Facilities Cluster Post89Trailer

0.88934 [SYS 061400] .88934200 - Svstem

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	28.18	Dollars
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Factors 121.88 dollars 0.26 800 Facilities Cluster Post89Trailer

0.88934 [SYS 061400] .88934200 - Svstem

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	563.62	Dollars
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Factors 2437.5 dollars 0.26 800 Facilities Cluster Post89Trailer

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1EED8226 Description: B893B Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	11.734	11.734	0	11.734
TrlrDEMPst89	Trailer (89 and later) Demolition/Disposal	15.40	msf	HC	0	0	0	82.175	0	82.175	0	82.175
Total for Activity 1EED8226:						0	0	82.175	11.734	93.909	0	93.909

Line Item SYS - Contingency And Escalation

BOE

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	3.843.42	Dollars

Factors 3843.42 Dollars

ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	7.890.16	Dollars
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Factors 7890.16 Dollars

Line Item TrlrDEMPst89 - Trailer (89 and later) Demolition/Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00
Total Unit Cost: \$6,000.00

Adjusted Unit Cost:

WBS No: 1EED0822
Activity ID: 1EED8226

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Labor Hours: 0; Subcontracts: \$6,000.00; Supplies: \$0.00 Total Unit Cost: \$6,000.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.					
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		A5B CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	5.336.05	Dollars
		Factors 6000 dollars					

0.88934 [SYS 061400] .88934200 - System

WBS No: 1EED0823	Title: T-900A Decommissioning
Activity ID: 1E900AAPEN	Description: B900A Decommissioning Planning & Engineering

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E900AAPEN:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Planning & Engineering Breakdown of Historical Data: Item - Planning & Engineering Units - 1msf Unit Cost - 14.48 hrs, \$2,000 subcontracts, \$90 supplies Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.
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Resources		Cost Element	Skill	Department	Curve	Quantity	Units
		750 STRAIGHT TIME BASE	E130 OTHER ENGINEERS	R100S RMRS Salaried	Linear	10.01	Hours
		Factors 11.25 Hours					
		750 STRAIGHT TIME BASE	G010 ADMINISTRATIVE ASSISTANTS	R100S RMRS Salaried	Linear	2.87	Hours
		Factors 3.23 Hours					
		A5C SUPPLIES	0000 NONE	R100S RMRS Salaried	Linear	81.24	Dollars
		Factors 90 Dollars	1.015 -- FY00 Escalation --				
		A5H SUBCONTRACTED SRVS	0000 NONE	R100S RMRS Salaried	Linear	1,819.29	Dollars
		Factors 2000 Dollars	1.02283 -- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1E900ABCHR	Description: B900A Decommissioning Characterization
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Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E900ABCHR:						0	0	0	0	0	0	0

Line Item 100 - Characterization

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Item Desc - Decommissioning Characterization Breakdown of Historical Data:
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WBS No: 1EED0823
Activity ID: 1E900ABCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Item - Characterization
Units - 1msf
Unit Cost - 47.27 hrs, \$4,125 subcontracts, \$247.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	14.41	Hours

Factors 16.2 Hours

750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	27.63	Hours
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Factors 31.07 Hours

A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	223.41	Dollars
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Factors 247.5 Dollars

1.015 -- FY00 Escalation --

A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3,752.29	Dollars
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Factors 4125 Dollars

1.02283 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1E900AFDEM

Description: B900A Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation/Slab Removal	384.00	sf	HC	0	0	0	3,443	0	3,443	0	3,443
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	897	897	0	897
Total for Activity 1E900AFDEM:						0	0	3,443	897	4,340	0	4,340

Line Item 100 - Demolition & Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Demolition & Disposal
Breakdown of Historical Data:
Item - Demolition & Disposal
Units - 1msf
Unit Cost - \$43,000 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	39,541.93	Dollars

Factors 43000 Dollars

1.034 -- FY00 Escalation --

0.88934 [SYS 061400] .88934200 - Svstem

Line Item 500 - Foundation/Slab Removal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Removal of Slab
Breakdown of Historical Data:
Item - Removal of Slab
Units - 1 sf
Unit Cost - \$9.75 subcontracts

WBS No: 1EED0823
Activity ID: 1E900AFDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	8.97	Dollars
Factors		9.75	Dollars	1.034	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	507.96	Dollars
Factors		507.956	Dollars						
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	389.04	Dollars
Factors		389.035	Dollars						

WBS No: 1EED0824 Title: T-900B Decommissioning

Activity ID: 1E900BAPEN Description: B900B Decommissioning Planning & Engineering

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Planning & Engineering	0.00	msf	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1E900BAPEN:						0	0	0	0	0	0	0

Line Item 100 - Planning & Engineering

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Planning & Engineering
Breakdown of Historical Data:
Item - Planning & Engineering
Units - 1msf
Unit Cost - 14.48 hrs, \$2,000 subcontracts, \$90 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE		E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	10.01	Hours
Factors		11.25	Hours						
									0.88934 [SYS 061400] .88934200 - Svstem
750	STRAIGHT TIME BASE		G010	ADMINISTRATIVE ASSISTANTS	R100S	RMRS Salaried	Linear	2.87	Hours
Factors		3.23	Hours						
									0.88934 [SYS 061400] .88934200 - Svstem
A5C	SUPPLIES		0000	NONE	R100S	RMRS Salaried	Linear	81.24	Dollars
Factors		90	Dollars	1.015	-- FY00 Escalation --				
									0.88934 [SYS 061400] .88934200 - Svstem
A5H	SUBCONTRACTED SRVS		0000	NONE	R100S	RMRS Salaried	Linear	1.819.29	Dollars
Factors		2000	Dollars	1.02283	-- FY00 Escalation --				

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1E900BBCHR Description: B900B Decommissioning Characterization

Cost Risk 1 Schedule Risk 2

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Characterization	0.00	msf	HC	#Num!	0	0	0	0	0	0	0

WBS No: 1EED0824
Activity ID: 1E900BBCHR

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total for Activity 1E900BBCHR:

0	0	0	0	0	0
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Line Item 100 - Characterization

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Characterization
Breakdown of Historical Data:
Item - Characterization
Units - lmsf
Unit Cost - 47.27 hrs, \$4,125 subcontracts, \$247.50 supplies
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
750	STRAIGHT TIME BASE	E130	OTHER ENGINEERS	R100S	RMRS Salaried	Linear	14.41	Hours
Factors 16.2 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
750	STRAIGHT TIME BASE	T050	RADIATION CONTROL TECHNOLOGI	R100S	RMRS Salaried	Linear	27.63	Hours
Factors 31.07 Hours								
						0.88934 [SYS 061400]	.88934200 - System	
A5C	SUPPLIES	0000	NONE	R100S	RMRS Salaried	Linear	223.41	Dollars
Factors 247.5 Dollars 1.015 -- FY00 Escalation --								
						0.88934 [SYS 061400]	.88934200 - System	
A5H	SUBCONTRACTED SRVS	0000	NONE	R100S	RMRS Salaried	Linear	3.752.29	Dollars
Factors 4125 Dollars 1.02283 -- FY00 Escalation --								
						0.88934 [SYS 061400]	.88934200 - System	

Activity ID: 1E900BFDEM

Description: B900B Decommissioning Demolition & Disposal

Cost Risk 1 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Demolition & Disposal	0.00	lmsf	HC	#Num!	0	0	0	0	0	0	0
500	Foundation/Slab Removal	384.00	sf	HC	0	0	0	3.443	0	3.443	0	3.443
SYS	Contingency And Escalation	1.00	lea	EE	0	0	0	0	897	897	0	897
Total for Activity 1E900BFDEM:						0	0	3.443	897	4.340	0	4.340

Line Item 100 - Demolition & Disposal

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Demolition & Disposal
Breakdown of Historical Data:
Item - Demolition & Disposal
Units - lmsf
Unit Cost - \$43,000 subcontracts
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	39.541.93	Dollars
Factors 43000 Dollars 1.034 -- FY00 Escalation --								
						0.88934 [SYS 061400]	.88934200 - System	

WBS No: 1EED0824
Activity ID: 1E900BFDDEM

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Line Item 500 - Foundation/Slab Removal

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.											
	Item Desc - Removal of Slab Breakdown of Historical Data: Item - Removal of Slab Units - 1 sf Unit Cost - \$9.75 subcontracts Unit Cost Adjustment factor - N/A Revised Unit Cost - N/A Basis for adjustment - N/A											
	This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											

Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	8.97	Dollars
	Factors	9.75	Dollars	1.034	-- FY00 Escalation --					

0.88934 [SYS 061400] .88934200 - Svsstem

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	507.96	Dollars
	Factors 507.956 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	389.04	Dollars
	Factors 389.035 Dollars									

WBS No:	1EED0825	Title:	800 Gen Fac Clus Tank Decommissioning	Cost Risk	4	Schedule Risk	4
Activity ID:	1E5J411B10	Description:	Tank TKB891T201 Decommissioning				

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.613	9.613	0	9.613
Tank	Tank Decommissioning	12.321	49ea	HC	0	0	0	10.958	0	10.958	0	10.958
Total for Activity 1E5J411B10:						0	0	10.958	9.613	20.571	0	20.571

Line Item SYS - Contingency And Escalation

BOE											
Resources	Cost Element			Skill		Department			Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department		Linear	7,168.58	Dollars
	Factors 7168.59 Dollars										
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department		Linear	2,444.19	Dollars
	Factors 2444.19 Dollars										

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.											
	Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00											
	Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00											

WBS No: 1EED0825
Activity ID: 1E5J411B10

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$					

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1E5J411C10 Description: BT-206 Treated GW Tank Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	36.467	36.467	0	36.467
Tank	Tank Decommissioning	46.742.23	ea	HC	0	0	0	41.570	0	41.570	0	41.570
Total for Activity 1E5J411C10:						0	0	41.570	36.467	78.036	0	78.036

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	27.194.40	Dollars
Factors		27194.4	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.272.15	Dollars
Factors		9272.15	Dollars					

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$					

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1E5J411D10 Description: Tank TKB891T207 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	36.467	36.467	0	36.467
Tank	Tank Decommissioning	46.742.23	ea	HC	0	0	0	41.570	0	41.570	0	41.570
Total for Activity 1E5J411D10:						0	0	41.570	36.467	78.036	0	78.036

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
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WBS No: 1EED0825
Activity ID: 1E5J411D10

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	27.194.40	Dollars
Factors 27194.4 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.272.15	Dollars
Factors 9272.15 Dollars								

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors 1 \$									

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1E5J411E10 Description: Tank TKB891T200 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	2.647	2.647	0	2.647
Tank	Tank Decommissioning	3.392.94	ea	HC	0	0	0	3.017	0	3.017	0	3.017
Total for Activity 1E5J411E10:						0	0	3.017	2.647	5.665	0	5.665

Line Item SYS - Contingency And Escalation

BOE											
Resources	Cost Element				Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department		Linear	1.973.99	Dollars
	Factors 1974 Dollars										
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department		Linear	673.05	Dollars
	Factors 673.05 Dollars										

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00											
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WBS No: 1EED0825
Activity ID: 1E5J411E10

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$					

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1E5J411F10 Description: Tank TKB891T202 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.613	9.613	0	9.613
Tank	Tank Decommissioning	12.321.49	ea	HC	0	0	0	10.958	0	10.958	0	10.958
Total for Activity 1E5J411F10:						0	0	10.958	9.613	20.571	0	20.571

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	7.168.58	Dollars
Factors		7168.59	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2.444.19	Dollars
Factors		2444.19	Dollars					

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$					

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1E5J411G10 Description: Tank TKB891T203 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.613	9.613	0	9.613
Tank	Tank Decommissioning	12.321.49	ea	HC	0	0	0	10.958	0	10.958	0	10.958
Total for Activity 1E5J411G10:						0	0	10.958	9.613	20.571	0	20.571

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
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WBS No: 1EED0825
Activity ID: 1E5J411G10

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	7,168.58	Dollars
Factors 7168.59 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	2,444.19	Dollars
Factors 2444.19 Dollars								

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element		Skill		Department		Curve	Quantity	Units
	A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors 1 \$									

0.88934 [SYS 061400] .88934200 - Svsstem

Activity ID: 1E5J411H10 Description: Tank TKB891T204 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	9.798	9.798	0	9.798
Tank	Tank Decommissioning	12.559.33	ea	HC	0	0	0	11.170	0	11.170	0	11.170
Total for Activity 1E5J411H10:						0	0	11.170	9.798	20.968	0	20.968

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	7,306.96	Dollars
	Factors 7306.96 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	2,491.37	Dollars
	Factors 2491.37 Dollars									

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00											
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WBS No: 1EED0825
Activity ID: 1E5J411H10

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$					

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1E5J411J10 Description: Tank TKB891T205 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	36.467	36.467	0	36.467
Tank	Tank Decommissioning	46.742.23	ea	HC	0	0	0	41.570	0	41.570	0	41.570
Total for Activity 1E5J411J10:						0	0	41.570	36.467	78.036	0	78.036

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	27.194.40	Dollars
Factors		27194.4	Dollars					
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	9.272.15	Dollars
Factors		9272.15	Dollars					

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:
Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1	\$					

0.88934 [SYS 061400] .88934200 - System

Activity ID: 1ETK269100 Description: Tank TK269 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269
Total for Activity 1ETK269100:						0	0	269	39	308	0	308

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill	Department		Curve	Quantity	Units
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WBS No: 1EED0825
Activity ID: 1ETK269100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	13.49	Dollars
Factors 13.4876 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	25.81	Dollars
Factors 25.8067 Dollars								

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	0.89	Dollars
Factors 1 \$						

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1ETK271100 Description: Tank TK271 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269
Total for Activity 1ETK271100:						0	0	269	39	308	0	308

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	13.49	Dollars
	Factors 13.4876 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	25.81	Dollars
	Factors 25.8067 Dollars									

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00											
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WBS No: 1EED0825
Activity ID: 1ETK271100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Total Unit Cost: \$1.00 Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	0.89	Dollars
Factors	1	\$				

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1ETK272100 Description: Tank TK272 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269
Total for Activity 1ETK272100:						0	0	269	39	308	0	308

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
CON	CONTINGENCY	0000 NONE	ZDEPT No Department	Linear	13.49	Dollars
Factors	13.4876	Dollars				
ESC	ESCALATION	0000 NONE	ZDEPT No Department	Linear	25.81	Dollars
Factors	25.8067	Dollars				

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.
Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00
Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	0.89	Dollars
Factors	1	\$				

0.88934 [SYS 061400] .88934200 - Ssystem

Activity ID: 1ETK273100 Description: Tank TK273 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269
Total for Activity 1ETK273100:						0	0	269	39	308	0	308

Line Item SYS - Contingency And Escalation

BOE

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
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WBS No: 1EED0825
Activity ID: 1ETK273100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

CON	CONTINGENCY	0000	NONE	ZDEPT	No Department	Linear	13.49	Dollars
Factors 13.4876 Dollars								
ESC	ESCALATION	0000	NONE	ZDEPT	No Department	Linear	25.81	Dollars
Factors 25.8067 Dollars								

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjustment Factor: 1 This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.											
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Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	0.89	Dollars
Factors 1 \$						

0.88934 [SYS 061400] .88934200 - Svstem

Activity ID: 1ETK274100 Description: Tank TK274 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269
Total for Activity 1ETK274100:						0	0	269	39	308	0	308

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	13.49	Dollars
	Factors 13.4876 Dollars									
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	25.81	Dollars
	Factors 25.8067 Dollars									

Line Item Tank - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000. Historical Unit Cost Data: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00 Total Unit Cost: \$1.00 Adjusted Unit Cost: Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00											
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WBS No: 1EED0825
Activity ID: 1ETK274100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Total Unit Cost: \$1.00 Adjustment Factor: 1
This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources	Cost Element	Skill	Department	Curve	Quantity	Units
A5B	CONSTRUCTION	0000 NONE	R100S RMRS Salaried	Linear	0.89	Dollars
Factors	1	\$				

Activity ID: 1ETK275100		Description: Tank TK275 Decommissioning				0.88934 [SYS 061400] .88934200 - System							
						Cost Risk		4		Schedule Risk		4	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39	
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269	
Total for Activity 1ETK275100:						0	0	269	39	308	0	308	

Line Item SYS - Contingency And Escalation

BOE										
Resources	Cost Element			Skill		Department		Curve	Quantity	Units
	CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	13.49	Dollars
	Factors		13.4876 Dollars							
	ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	25.81	Dollars
	Factors		25.8067 Dollars							

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The cost for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00

Total Unit Cost: \$1.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00

Total Unit Cost: \$1.00

Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources

Cost Element		Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION	0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors	1	\$						

Activity ID: 1ETK323100		Description: Tank TK323 Decommissioning				0.88934 [SYS 061400] .88934200 - System							
						Cost Risk		4		Schedule Risk		4	
Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost	
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0	
Total for Activity 1ETK323100:						0	0	0	0	0	0	0	

Line Item 100 - Tank Decommissioning

BOE	Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.
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WBS No: 1EED0825
Activity ID: 1ETK323100

Rockv Flats Closure Project
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter *

Starts In FY *

Item Desc - Decommissioning Tank
Breakdown of Historical Data:
Item - Removal of Tank
Units - 1lot
Unit Cost - \$8,505
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	7.820.85	Dollars
Factors		8504.81 Dollars	1.034	-- FY00 Escalation --					

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Activity ID: 1ETK364100 Description: Tank TK364 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
SYS	Contingency And Escalation	1.00	ea	EE	0	0	0	0	39	39	0	39
Tank	Tank Decommissioning	302.22	ea	HC	0	0	0	269	0	269	0	269
Total for Activity 1ETK364100:						0	0	269	39	308	0	308

Line Item SYS - Contingency And Escalation

BOE

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
CON	CONTINGENCY		0000	NONE	ZDEPT	No Department	Linear	13.49	Dollars
Factors		13.4876 Dollars							
ESC	ESCALATION		0000	NONE	ZDEPT	No Department	Linear	25.81	Dollars
Factors		25.8067 Dollars							

Line Item Tank - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. Historical Data Source - This is a special version of the data from FDCM, Rev. 2A arranged to the latest WBS structure per the FDCM, Rev 3A prepared for the I/SS Project for their use relative to inputting data into the BEST 2000 Baseline. The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in originally establishing the unit costs in this estimate. Additionally, this cost model also incorporates the cost data for the decommissioning of the 112 Trailers. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999. The Revised WBS and Tent decommissioning cost data used is described in detail in the Facility Decommissioning Cost Model (FDCM) Rev. 3A Dated May 2000.

Historical Unit Cost Data:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00

Adjusted Unit Cost:

Labor Hours: 0; Subcontracts: \$1.00; Supplies: \$0.00
Total Unit Cost: \$1.00
Adjustment Factor: 1

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	0.89	Dollars
Factors		1 \$							

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Activity ID: 1ETKB20700 Description: Tank TKB207 Decommissioning

Cost Risk 4 Schedule Risk 4

Line Item	Description	Quantity	Units	BOE Type	Labor Hours/Unit	Labor Hours Total	Labor Cost Total	Materials/ Sub Cost	Contingency & Escalation	Total Prime Cost	Burden Cost	Total Cost
100	Tank Decommissioning	0.00	each	HC	#Num!	0	0	0	0	0	0	0
Total for Activity 1ETKB20700:						0	0	0	0	0	0	0

WBS No: 1EED0825
Activity ID: 1ETKB20700

Rockv Flats Closure Proiect
Baseline Cost and Basis of Estimate

Project Baseline Devl
WBS Filter 1EED
Activity Filter * Starts In FY *

Line Item 100 - Tank Decommissioning

BOE

Historical Data Source - The costs for Decommissioning B123, the 690 trailer complex, 4 tents in the 904/906 cluster, tanks 221 and 224, and the removal of gloveboxes and piping and ductwork in B779 are the primary Historical Data used in establishing the unit costs in this estimate. A complete breakdown of the historical costs and the adjustments made to the actual costs are in the Facility Disposition Cost Model (FDCM) Rev. 2 Dated May 1999.

Item Desc - Decommissioning Tank
Breakdown of Historical Data:
Item - Removal of Tank
Units - 1lot
Unit Cost - \$37,802
Unit Cost Adjustment factor - N/A
Revised Unit Cost - N/A
Basis for adjustment - N/A

This estimate includes a project productivity/efficiency factor for committed but as yet undefined cost reductions.

Resources		Cost Element	Skill		Department		Curve	Quantity	Units
A5B	CONSTRUCTION		0000	NONE	R100S	RMRS Salaried	Linear	34.762.32	Dollars
Factors		37802.4 Dollars	1.034	-- FY00 Escalation --					

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Report Totals:

Labor Hours	Labor Cost	Materials/ Sub	Contingency	Total Prime	Burden Cost	Total Cost
Total	Total	Cost	& Escalation	Cost		
526.342	12.778.344	67.267.154	27.416.472	107.461.971	5.303.532	112.765.503